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LANDRETH'S SEED CATALOGUE
1903

1903.

BEGONIAS

**1217 MARKET STREET.
PHILADELPHIA, PA.**

AVIL PRINTING CO. PHILA

D. LANDRETH & SONS give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any Seeds they send out and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

Landreths' Seeds, Plants, Trees

1903



FOR
SPRING
1903

All goods named in this Catalogue will be packed and delivered at your Post Office at these prices, except where otherwise noted.

This Catalogue

may perhaps reach some to whom

Landreths' Seeds are as yet unknown, and who are therefore not familiar with their excellent qualities. We will this season, notwithstanding that fact, omit the oft-repeated reference to our seeds, and our extensive facilities for producing them; simply suggesting that the steady and increasing growth of a Seed Firm now in its **one hundred and nineteenth year** of active and continuous business should be at least some assurance to the reader that its representations may be relied on.

In this connection we venture to ask the intelligent purchaser of seeds if he does not think the time has arrived to commence to question the representations of sensational seedsmen who claim superlative degrees of merit and who always have so many new things that one tires of reading the adjectives used in describing them; and one becomes still more worn to find, after months of watching and waiting, that the highly extolled are no better than old familiar sorts. At the rate the improvement has been going on, according to these oracles, the stocks originally must have been very bad, and judging from the fancy pictures, perfection must now be near at hand.

It really seems as if the creature, man, was as anxious to be deceived in seeds as in quack medicines, for we do not hesitate to declare upon our reputation as seedsmen of repute, that nine-tenths of the so-called new sorts advertised at high prices are, so far as merit goes, rank humbugs and it is time the public were told so.

TERMS CASH WITH ORDER.—Receiving hundreds of orders daily from every part of the United States, it is impossible to make out bills and open accounts with each one; therefore our terms are Cash, with the understanding that we guarantee to fill your order satisfactorily. In case of an error it will be cheerfully corrected.

REMITTANCE may be made by Post Office Money Order, Express Money Order, Draft on New York or Philadelphia, or by Registered Mail. Sums less than fifty cents may be sent in stamps at our risk. Do not send silver by Mail; it is not safe.

SHIPPING PLANTS, POTATOES, TREES, ETC.—Plants will be shipped as soon after receipt of order as weather will permit. If you wish us to hold them till a certain time in the Spring, please state the fact in order. Potatoes and Trees will be held till all danger of frost is over.

Seeds.—When seeds, plants, etc., are in same order, it may be the seeds will be mailed in separate package at once, and the plants shipped later. The tender plants being at the greenhouses, and hardy shrubs, etc., at the farms, it might not be wise to hold the seeds for balance of order, or the weather might be too cold for the safe carriage of plants. Therefore if seeds are received, please understand that the remaining portion of order will follow later.

PREMIUMS AND DISCOUNTS.—Persons sending cash

To amount of \$1.00 may select seeds in pkts. and ozs. to amount of \$1.25.	
" \$2.00 " " " " " "	\$2.55.
" \$3.00 " " " " " "	\$3.95.
" \$4.00 " " " " " "	\$5.50.
" \$5.00 " " " " " "	\$6.90.

These premiums are allowed only on that portion of your order which is for seeds in pkts. and ozs. and are only payable in seeds in pkts. and ozs. and will not be allowed on orders for, nor paid in seeds by weights

and measures, such as $\frac{1}{4}$ lb., $\frac{1}{2}$ lb., pints, quarts, etc., nor on bulbs and plants, nor on Cauliflower by the oz. Every person sending \$5.00 or more for Flower or Vegetable Seeds can have a copy of "Market Gardening and Farm Notes," by Burnet Landreth (price \$1.00), if they state the fact in their order.

BY EXPRESS.—Moderate orders, too heavy or expensive for the Mails, or where quick time is desirable, can be sent by Express to your nearest Express office. Please note that Seeds, Plants and Bulbs can be sent by Express at 20 per cent. reduction from merchandise rates. No goods sent C. O. D. without an advance sufficient to cover charges both ways. Onion Sets, Potatoes, Roots and other perishable goods will not be sent C. O. D., but will be sent only on receipt of full remittance and at risk of purchaser.

BY FREIGHT, R. R. or STEAMER.—Orders for heavy seeds, such as Peas, Beans, Corn, etc., can be shipped at lower rates of freight by railroad or by steamer where practicable.

FILLING ORDERS.—We always make it a point to give orders our **immediate attention** as soon as received, a fact well known and appreciated by the thousands of customers deriving their supplies from us direct. The prompt execution of orders will be greatly facilitated if our customers will be careful to write on their order their **Full Name** and **Address**, the **Quantity**, **Name of Variety** and **Price** of the seeds wanted. (See Order Sheet enclosed.)

All necessary correspondence should be given on a separate sheet, or apart from the order. The practice of writing us from several post-offices is to be avoided. Change of residence should be communicated to us at once, to secure delivery of our current publications.

Space will not permit us to enumerate all the seeds and garden requisites we carry in stock. If you do not see what you want, write us and we will promptly give you prices and all other information.

Some Landreth Specialties

On the back cover of this Catalogue are illustrated *ten* (10) Specialties in Garden Vegetables, to which attention is directed. Singly each sort is priced at ten (10) cents, but taken as a collection the *ten* sorts will be sold at sixty-five (65) cents.

This very liberal offer should be exceedingly attractive, as the varieties comprise sorts quite superior to such as are generally found in collections, they being:

Landreths' Cabbage Flat Intermediate,
" Cantaloupe Early Bristol,
" Onion Bloomsdale Pearl,
" Beet Half-long Purple,
" " Tennisball,

Landreths' Watermelon Arkansas Traveler,
" Lettuce Virginia Solid Header,
" Cucumber Japanese,
" Egg Plant Tree, Large Purple,
" Tomato Earliest.

Descriptions of all of which will be found in this Catalogue in their appropriate alphabetical order.

This Collection will be certain to give satisfaction.

These 10 Specialties for Only 65 Cents

SEE BACK COVER

If you wish a copy of this Catalogue mailed to your neighbor or friend, send us their address.

MR. JAMES VICK

FORMERLY OF THE **Vick Seed House, Rochester, N. Y.**

Has removed to Philadelphia and is now **MANAGER** of the

MAIL ORDER DEPARTMENT OF D. LANDRETH & SONS

The name and reputation of the LANDRETH ESTABLISHMENT is not excelled. For three centuries they have been noted for fair and honorable dealings. It can be said, without fear of refutation, that no individual ever connected with the Seed business, either in America or Europe, has so wide and enviable a notoriety as a Mail Order Seedsman as **MR. JAMES VICK**.

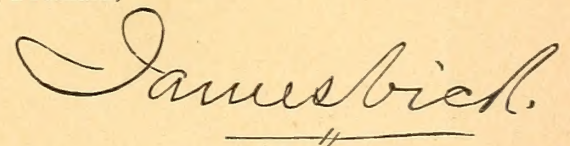
MR. VICK invites all his old customers and correspondents the world over to renew their business intercourse with him through the LANDRETH ESTABLISHMENT.

D. LANDRETH & SONS.

From my home in Philadelphia I greet all friends and customers, new and old. In 1861 I wrapped the first catalogue for my father, whose business was established in 1849, and as year after year went by many of his friends became mine also, especially after his death, when I became the head of the Rochester Seed House. That concern is no longer controlled by any member of the Vick family, and it gives me pleasure to be connected with the old and reliable house of **D. LANDRETH & SONS**.

After being here a year, it is delightful to receive from persons who have dealt with me in the past assurances of perfect satisfaction, and have them write as many have: "Everything you sent me from Landreths' last spring proved more than satisfactory." We thank each customer for orders received, and can promise for 1903 many things new, attractive, and valuable for the Flower and Vegetable Garden. Waiting for your kind orders, which will have my best attention, I remain,

Yours, etc.,



Manager Mail Order Department.

A PRACTICAL MEASURE OF THE MERITS OF

Landreths' Seeds

IS THE UNDENIABLE FACT THAT
THEY EVERYWHERE ARE THE

Standard for Excellence



View of one of our
large Seed Houses
destroyed by fire on
the morning of August
7th, 1902—now rebuilt
and enlarged ❧ ❧ ❧

Fresh Seed ALL GROWN IN 1902

You want FRESH Seed, and we cannot supply any other, as our entire stock of

Flower Seed was destroyed by fire last August. No other firm in the United States can be as positive in assuring its customers that their orders will be filled with Flower Seeds grown in 1902.

This year try strictly Fresh Seed and reap a satisfactory reward in strong Plants and vigorous Flowers.

Landreths' Seeds

have always been the standard in the United States. Their use by the American people dates back to the early days of the Republic. The reputation of these Seeds now spans three centuries. They were the main supply for the highly extolled gardens of our forefathers.

Washington used Landreths' Seeds at Mount Vernon and Jefferson at Monticello.

LANDRETHS' SEEDS

are not used in this country alone, but are used everywhere. They are sown in the

HOUSEHOLD GARDENS.....

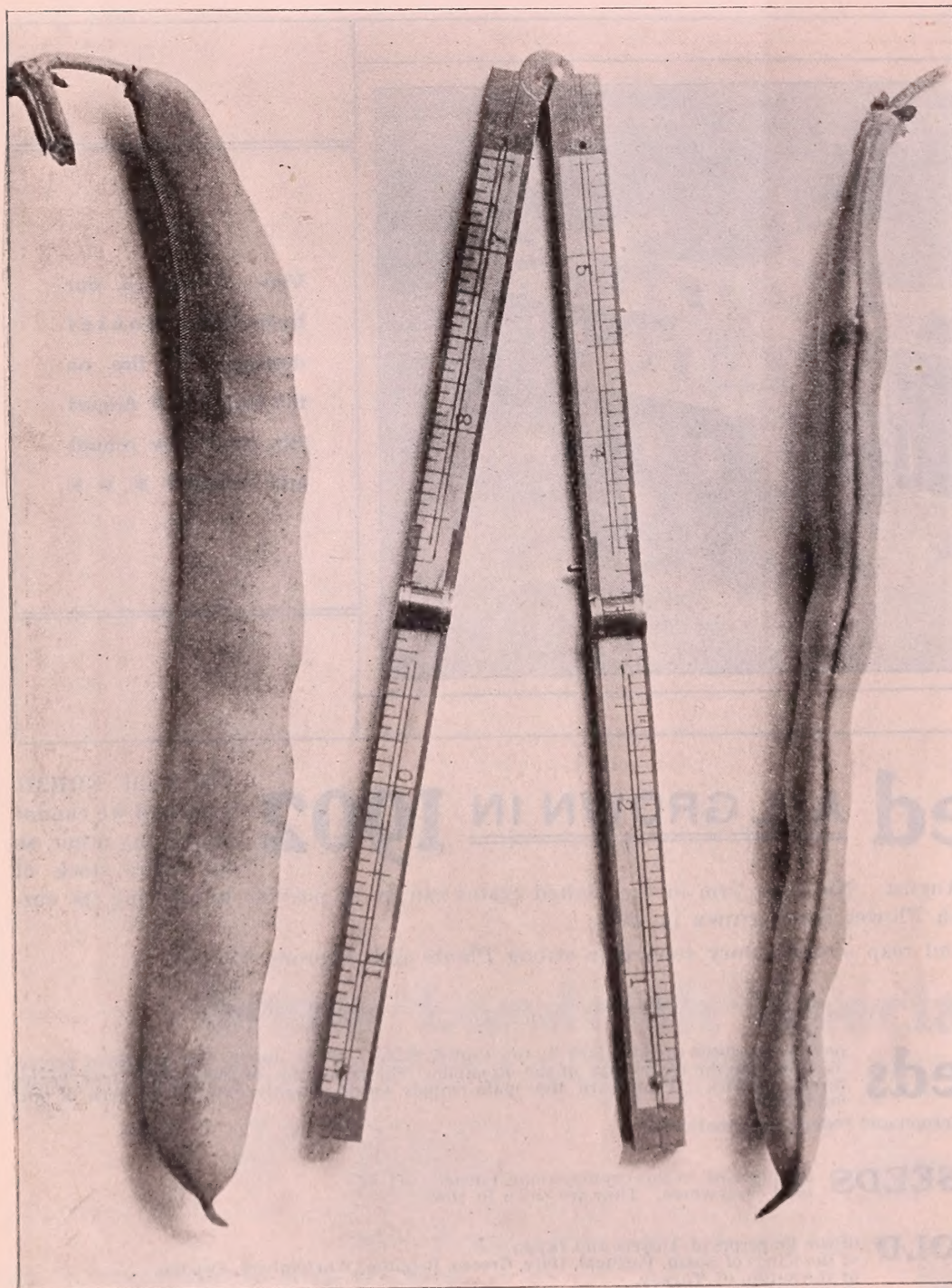
of the Emperors of Austria and Japan.
of the Kings of Spain, Portugal, Italy, Greece, Belgium, Wurtemberg, Sweden.
of the Sultan of Turkey.
of the Pope of Rome.
of the Vice-Roy of India.

ANDRETHS' NOVELTIES & SPECIALTIES

.... 1903

The United States Mail brings Landreth's Seed Store to every man's door. Any man or woman even in the most remote corner of the land can get LANDRETHS' SEEDS, postage free, just as cheaply as if living on the outskirts of Philadelphia. Write for these SEEDS. See directions on page 2 of cover.

Beans.



Landreth's Tom Thumb.

Suitable for forcing. Vines 6 to 8 inches high, erect and straight, very close jointed. Foliage darker green than any other Bush Bean. Pod second size, dark green, flat to half round and averaging 15 to the vine. A variety possessing just the habit for cultivation under glass. Pkt. 10c.; pt. 75c.

Mammoth Stringless Green Pod.

A mammoth podded selection from the original Stringless, not quite so early but more showy and possessing the good qualities of the parent. Pkt. 10c.; pt. 30c.; qt. 50c. By Express or Freight, not prepaid, 4 qts. \$1.20; peck \$2.00; bush. \$6.55.

Pencil Pod.


A golden wax pod, almost perfectly round, similar to a pencil, hence its name. Pkt. 10c.; pt. 30c.; qt. 50c. By Express or Freight, not prepaid, 4 qts. \$1.25; peck \$2.20; bush. \$7.00.

Landreth's Mammoth-Seeded Golden Wax Mohawk.

A cross between Mohawk and Crimson Flageolet. Never before introduced. The dry Seed of the new Bean is of the same shape as Mohawk, but of brighter color and double the size. The vine, like the Mohawk, produces long, thick flat pods, but they are a golden yellow wax, very tender when young. When older, the pods are very desirable for shelling as a flageolet, the Seeds being *monsters* and of excellent quality. In date of maturity for table this Bean is three or four days earlier than any other Bean in cultivation. In no way does it resemble any other known Bean; thus it is a most decided novelty. Pkt. 25c.; pt. 70c.; qt. \$1.25.

Landreth's Double-Barrelled.

Stringless and broad-backed, like a double-barrelled gun. The sort is consequently very meaty and very desirable. A very showy golden wax variety. A decided novelty and well named. Pkt. 10c.; pt. 35c.; qt. 55c. By Express or Freight, not prepaid, 4 qts. \$1.45; peck \$2.50; bush. \$7.90.

 LANDRETHS' MAMMOTH-SEEDED GOLDEN WAX MOHAWK.

Tennessee Wonder, Pole.

A more showy sort than Kentucky Wonder and more attractive. Altogether an improvement. Every one should have it. Pkt. 10c.; pt. 35c.; qt. 55c. By Express or Freight, not prepaid, 4 qts. \$1.45; peck \$2.60; bush. \$8.75.

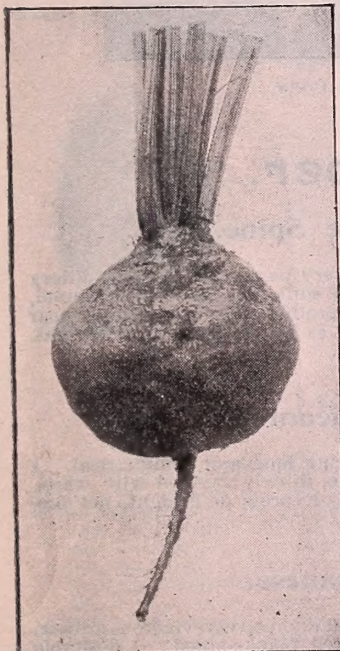


TENNESSEE WONDER.

Beets.

Landreths' Early Deep Scarlet Tennisball.

A long existing demand has been for a Table Beet of deep bronzed foliage, as well as deep blood flesh. In this variety the two qualities are found more nearly in combination than ever before. The leaves are purple, the root round, almost a solid deep scarlet. Early as the Eclipse, larger, equally tender and of a deeper and more uniform red; altogether the best developed of any type of Red Turnip Beet. Every gardener should have it. The illustration partly indicates its desirable qualities. Pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.60. By Express or Freight, not prepaid, lb. \$1.50.



DEEP SCARLET TENNISBALL.

Half-Long Purple.

Foliage short and a deep purple. Root half long, second size, purple almost to a blackness, a deeper colored flesh than of any Beet ever introduced. A decided novelty of merit, as the public has long been wanting a black-red sort larger than those of past introduction. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 35c.; lb. \$1.25. By Express or Freight, not prepaid, lb. \$1.15.

London Table.

Size of Eclipse. Midway in appearance between an Eclipse and Scarlet Globe. Foliage a solid deep bronze, root half flat to round, flesh solid deep blood-red. An excellent new type. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.50. By Express or Freight, not prepaid, lb. \$1.40.

Cabbage.

Landreths' Flat Intermediate.

A better header than any of the various sorts of Early Drumhead type, stem short, few leaves. Head flat and solid, harder than the Early Brunswick. Try once and you will always want it. More uniform than Succession, All Seasons or Long Island Medium.

NOTE.—No Cabbage is its superior, its merits being earliness, quality, uniformity of head and appearance. The head is of light green, the leaves small ribbed and well folded over, making a tight, close, hard flat head, the stem is very short. The sort is to a marked degree superior to any other Cabbage offered by anyone, no sort excepted. The seed to an appreciative man is worth five times the price we ask for it. Pkt. 10c.; oz. 60c.; $\frac{1}{4}$ lb. \$1.90; lb. \$6.00. By Express or Freight, not prepaid, lb. \$5.90.

Select Very Early Jersey Wakefield.

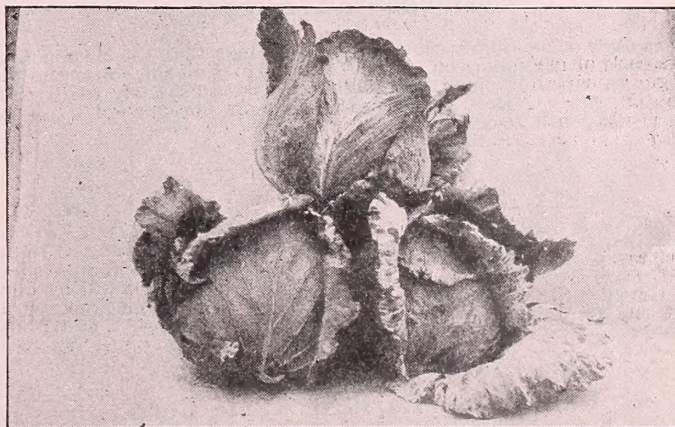
Heading for market 70 to 80 days from sowing. The most widely cultivated of the early Cabbages, of great celebrity in the Philadelphia and every other Northern market. It is very early, short stemmed, head cone-shaped, broad at the bottom with blunt peak; leaves leathery, well folded over the top. A reliable header and most excellent in all good qualities. The strain we offer is unexcelled by any offered under other names, or at a higher price. Pkt. 5c.; oz. 25c.; $\frac{1}{4}$ lb. 80c.; lb. \$2.75. By Express or Freight, not prepaid, lb. \$2.65.



SELECT VERY EARLY JERSEY WAKEFIELD.

Landreths' Reedland Early Drumhead, 90 Days.

To any one wanting an Early Flat-headed Cabbage of reliability, be he a market gardener, private gardener, or an amateur, we recommend the Reedland Early Drumhead as uniting all the essentials. A variety bred upon our Reedland Farm. It is short-stemmed, flat-headed, large and unusually early for a large, broad-headed sort. This variety might be called the "Challenger." In all localities where it has been tried it has become a favorite variety, and is recommended by all experienced Cabbage growers. It will do for first, second and third early, intermediate and late. No Cabbage ever grown by us approaches it in so many desirable qualities; indeed, it suits all seasons, all conditions and all wants; it is the perfection of a Cabbage as respects habit and quality, and once we tie to, as we consider the Reedland to be A No. 1, a gilt-edged sort. Market gardeners in the South assure us that it stands cold better than any other sort known in their section. Pkt. 5c.; oz. 40c.; $\frac{1}{4}$ lb. \$1.15; lb. \$3.80. By Express or Freight, not prepaid, lb. \$3.70.



THE BEST OF ALL FLAT-HEADED SORTS—REEDLAND EARLY DRUMHEAD.

Landreths' Flat Standard.

An extra choice selection from a Large Late Flat Dutch. Heads broad, thick, flat, hard. Color dark blue. None better as a STANDARD for main crop. Few its equal. Pkt. 10c.; oz. 60c.; $\frac{1}{4}$ lb. \$1.90; lb. \$6.10. By Express or Freight, not prepaid, lb. \$6.00.

Landreths' All the Year 'Round, 95 Days.

Ten days later than the Reedland Early Drumhead. No Cabbage offered as an All-seasons' Cabbage is superior to this, being admirably adapted for Spring, Summer, Autumn or Winter. Without respect to habit or quality, it is the hardiest of Cabbages grown under the variable climatic conditions of Maine, Minnesota, Carolina, Florida, Mississippi or Kansas, being capable, either young or old, of resisting a greater amount of frost than any other, while under the heat and drought of Summer it stands unflagging. Its character is indicated by its leaves, which are dark blue, thick and leathery. The heads solid, sweet, large, flat. The stem short and sturdy. The seed of this sort may be sown successively and continuously in any locality during all periods when Cabbage is drilled. Its name indicates its quality as an all-around or all-seasons' sort. Sold in sealed packages only. Pkt. 5c.; oz. 35c.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50. By Express or Freight, not prepaid, lb. \$3.40.

Landreths' Market Gardeners' Large Late Flat Dutch.

For a large, heavy, hard, smooth-leaved, late-ripening Cabbage, no strain is superior and few equal to this. The head is thick, broad, solid and slightly rounded on the top, though the variety is what is termed a flat-head. The leaves extend well over the centre line of the head and fold down alternately, tightly forming a compact head. The natural habit of the seedling plants is to develop thick, short, stocky stems, but this quality is affected by the system of growth, for if the seedlings are crowded in the bed or grown among weeds, or under the shade of a house, fence or tree, they reach upward for air and light, the result being the development of long, slim stalks, which bad form of plants cannot be corrected by any subsequent culture. The seed is worth twice the money asked for it. It is grown upon our own farms, under our own personal daily oversight, and the strain carefully selected to meet the most critical demand. Pkt. 5c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; lb. \$2.95. By Express or Freight, not prepaid, lb. \$2.85.

Carrot.

Rubicon Half-Long.

A broad-shouldered selection from the very popular Danvers, consequently a heavy cropper and doubly valuable as a market gardeners' crop on account of its great product and salable qualities. The color is red-orange, and the quality of the flesh unsurpassed. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.50. By Express or Freight, not prepaid, lb. \$1.40.

Corn.

Landreths' Sugar.

Edible 75 days from germination. A remarkably satisfactory and productive variety, two ears on every stalk, often three, sometimes four. Stalk 2 feet shorter than the Evergreen and very close jointed. The ears set low, large and well filled. The grain is narrow and very long or deep, somewhat similar in shape to Evergreen, but smaller. The ear remains long in milky condition. Pkt. 10c.; pt. 25c.; qt. 40c. By Express or Freight, not prepaid, 4 qts. 80c.; peck \$1.40; bush. \$1.50.

Cosmopolitan Sugar.

An extra early of medium-sized ear. A little longer than the Metropolitan, the grain nearly square on top, not so tightly set on the cob as the Metropolitan, ripening simultaneously with Kendall's Early Giant. Pkt. 10c.; pt. 25c.; qt. 40c. By Express or Freight, not prepaid, 4 qts. 90c.; peck \$1.55; bush. \$5.00.

Metropolitan Sugar.

An extra early. A medium-sized ear, grain very white, broad and tightly set on cob. The ears well covered with husk, making them quite showy and therefore salable. Plant about a foot in height and maturing simultaneously with Early Champion or Crosby's Early. Pkt. 10c.; pt. 25c.; qt. 40c. By Express or Freight, not prepaid, 4 qts. 90c.; peck \$1.55; bush. \$5.00.

Landreths' Earliest Table Corn.

BEST EAR of any sort of EQUAL EARLINESS.

A half-Sugar variety of the height of Crosby, ears well made out to the point, grain large, set close in straight rows. Ready for table in 56 or 57 days from germination, earlier than the earliest Corey while producing an ear twice as large, consequently twice as productive of a valuable early garden product. Pkt. 10c.; pt. 25c.; qt. 45c. By Express or Freight, not prepaid, 4 qts. \$1.05; peck \$1.90; bush. \$6.00.



LANDRETHS' SUGAR CORN.

Cucumber.

Landreths' White Spine.

Grown on Bloomsdale. Very superior in every particular to the ordinary stock. Broad leaved, deep green, does not sunburn. Vine close jointed, blooms at every joint, consequently very prolific. Blooms profusely near the root. Pkt. 5c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.50. By Express or Freight, not prepaid, lb. \$2.40.

Long Gherkin Cucumber.

Especially suitable for salting, the shape being long and symmetrical. A peculiarity of this sort is that the skin is thickly studded with warts. Pkt. 5c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.50. By Express or Freight, not prepaid, lb. \$2.40.

Landreths' Japanese.

Foliage distinct from any other Cucumber, soft and velvety, vigorous grower, fruit medium length, even diameter, warted, black-spined. A desirable variety. Pkt. 5c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.50. By Express or Freight, not prepaid, lb. \$2.40.

Landreths' Long Slim Pickle.

Vine vigorous, productive, fruit long, slim, straight, dark green, spines black, valuable for salting. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; lb. \$3.00. By Express or Freight, not prepaid, lb. \$2.99.



JAPANESE.



LANDRETHS' LONG SLIM PICKLE.

Egg-Plant.

Large Round Black.

Twice the size of the Black Pekin, fully as large as the Large Round New York Purple, just as good and a quicker seller in market. Does not split. Color solid black. Pkt. 15c.



TREE EGG-PLANT.

Tree Egg-Plant.

A very productive variety. Fruit not so large nor so deep a purple as the Landreths' Thornless. The fruit possessing valuable qualities for shipping, as resistant to the injurious effects of long transportation. It is called the Tree Egg-Plant because the bush is very tall and of erect sturdy branching habit. Pkt. 25c.; oz. \$1.00.

Lettuce.

Landreths' Forcing; 35 Days.

So named because of its adaptability for forcing under glass, forming crisp hard heads before any other known sort has commenced to head; having no outside leaves, it can be planted at half distance, twice as many to a space as any other sort. It is all head, producing weightier heads than any other kind twice its size. Valuable for small gardens. This is something very choice, and while most trusty for open garden culture, it is unapproached for forcing in hotbeds or frames; very compact and round like a ball. Suitable for sending to the table in entire form on the root. Long standing before shooting. Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 65c.; lb. \$2.20. By Express or Freight, not prepaid, lb. \$2.10.

Landreths' White Cos.

This should be found in every garden, as it is a fine strong grower, very productive of a large volume of long shell-shaped leaves of most enticing quality. When the plant is half grown, it should be tied up, that the inner leaves may be blanched nearly white, in which condition they are as crisp as is possible to imagine, and are more palatable than the varieties of Cabbage-head habit. This is a choice variety of the Cos family, variations of which are used in Europe to a much greater extent than those of any other habit. Pkt. 10c.; oz. 40c.; $\frac{1}{4}$ lb. \$1.25; lb. \$4.10. By Express or Freight, not prepaid, lb. \$4.00.



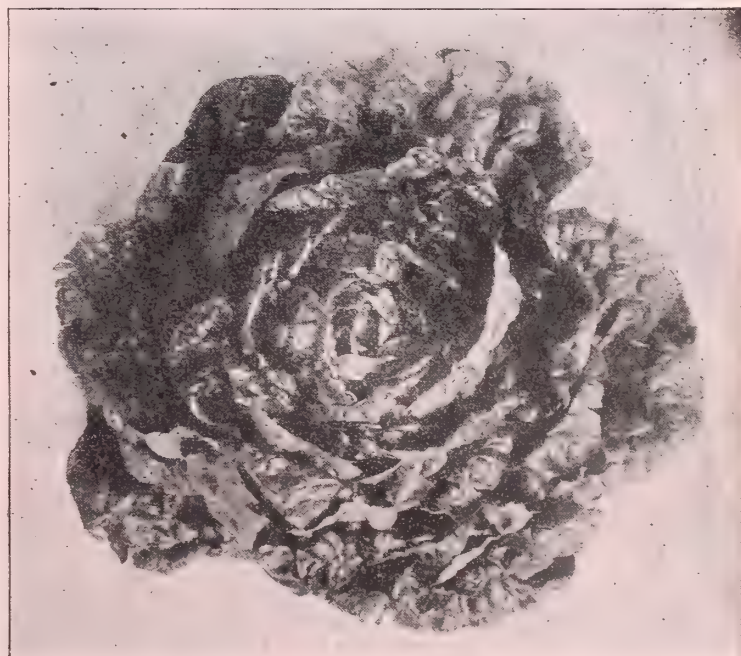
LANDRETHS' WHITE COS.

Landreths' Largest of All, 55 Days.

A fine exhibition sort, none approaching it in immense development. A good header of most excellent quality as respects color and texture of leaf. Shoots very late and is a shy seeder - an advantage to the gardener but expensive to the seed grower. Pkt. 5c.; oz. 25c.; $\frac{1}{4}$ lb. 70c.; lb. \$2.40. By Express or Freight, not prepaid, lb. \$2.30.

Landreths' Unsurpassed Cabbage Lettuce.

Leaves deep green, short stem and round, forming a well-closed head. An exceedingly desirable sort, sure to prove satisfactory. Pkt. 10c.; oz. 40c.; $\frac{1}{4}$ lb. \$1.25; lb. \$4.10. By Express or Freight, not prepaid, lb. \$4.00.



LANDRETHS' UNSURPASSED.

Landreths' Virginia Solid Header, 40 Days.

Undoubtedly the equal of any, and superior to nine-tenths of all the Lettuces. An exceedingly compact and certain header. Well adapted for either open ground or glass culture, largely used by discriminating gardeners. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; lb. \$3.00. By Express or Freight, not prepaid, lb. \$2.90.

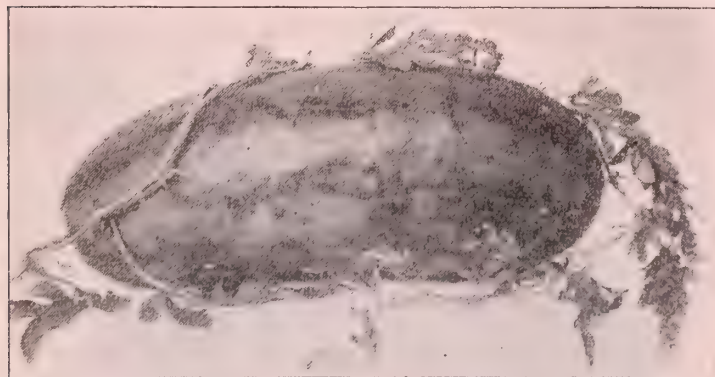


VIRGINIA SOLID HEADER.

Watermelon.

Landreths' Arkansas Traveler.

SPECIALTY; 75 DAYS FROM PLANTING TO RIPENING. A large, long, weighty Melon. Rind dark green, with waving stripes of black, interior always solid, the edible portion extending to within half an inch of the skin, flesh brilliant red, sweet, tender, crystalline, very juicy and altogether quite superior. Seeds variable in color and small. Ripening as an intermediate. A very hard rind and therefore a good shipper. No better Melon, except the Boss, has ever been offered to lovers of choice Watermelons; in size it is not a mammoth—no large melons are first-class in quality. In color of flesh it is deepest red, in texture crystalline, in flavor sugary. The flesh is solid throughout, without any sign of either core or cavity, and the edible portion extends to within a half-inch of the skin. We cannot say enough in praise of the Arkansas Traveler. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 35c.; lb. \$1.25. By Express or Freight, not prepaid, lb. \$1.15.



LANDRETHS' ARKANSAS TRAVELER.

Landreths' Boss, 80 to 90 Days.

We still adhere to our claim that no Melon has ever been introduced which can be compared with the Boss in delicacy of flavor, dazzling brilliancy of color of flesh, solidity of flesh, depth of flesh, melting quality and everything going to make a perfect Melon. The edible portion of the flesh extending to within less than half an inch of the skin, and yet the rind is so hard that no Melon in existence is so good a shipper. Perfectly ripe Melons will support the weight of a heavy man without any injury to the interior. Success with the Boss, however, is only met with when the soil is strong and rich, both naturally and artificially, and it requires a space of 9 x 9 or 9 x 10 feet to the hill. Under good conditions Melons weigh from 30 to 40 pounds, and we have had frequent reports of them reaching a weight of 60 and 70 pounds to the Melon. True stock can only be had direct from us. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 70c. By Express or Freight, not prepaid, lb. 60c.

Bradford, 85 Days.

Similar to the famous Joe Johnson in shape and markings; long, color dark, with darker wavy bands, flesh melting and of excellent flavor, seed white, a very superior sort. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 35c.; lb. \$1.25. By Express or Freight, not prepaid, lb. \$1.15.

Cantaloupe, or Muskmelon.

Landreths' Extra Early Citron, 60 Days.

FIRST IN MARKET. The largest of the very early Cantaloupes; form half-flat, fairly webbed, flesh green. The merit of this sort consists in its extra early habit. A variety which, for its early maturity, will be found profitable by all market gardeners. A customer writes: "I was once poor, now I am rich—have a fine house and a large family, all from your Extra Early Citron." Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.05. By Express or Freight, not prepaid, lb. 95c.

Landreths' Early Bristol, 70 Days.

Of Persian origin. An excellent sort, very showy, completely covered with netting, golden between the ribs, flesh green, similar to a small Acme, more oval, a good seller. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 55c.; lb. \$1.70. By Express or Freight, not prepaid, lb. \$1.60.



LANDRETHS' EARLY BRISTOL.

Landreths' Early Burlington, 70 Days.

Of Persian origin. A good market sort, deeply ribbed, exceedingly productive, green fleshed, heavily webbed, early, half-round, very showy. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 55c.; lb. \$1.70. By Express or Freight, not prepaid, lb. \$1.60.



EARLY BURLINGTON.

Rocky Ford, 70 Days.

A Cantaloupe of great celebrity grown at Rocky Ford, Colorado. Slightly pointed at both ends. Small in size, but of very superior flavor, rind well ribbed, flesh green with a line of gold just beneath the skin. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 75c. By Express or Freight, not prepaid, lb. 65c.



ROCKY FORD.

Okra.

Landreths' Long Green Pod.

Dwarf plant, producing pods of unusual length, often 10 inches long when mature, very slim and of intensely green color. The best of all green sorts. Canned for Winter use in large quantities. No other sort can compare with this. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 60c. By Express or Freight, not prepaid, lb. 50c.

Onion.

Extra Early Bloomsdale Pearl, 65 Days.

In many respects the most remarkable Onion ever introduced. Earliest of all, growing with the rapidity of a Summer Radish. Seventy days from sowing to maturity. Pearly white, waxy, translucent. Form flat and broad. Flavor very mild; all astringent qualities being eliminated, it can be eaten raw, almost with the freedom of an Apple. Keeping qualities of the matured Onion fair. Those who have tried it always want it again, because of its distinctive qualities. On very rich soil it will grow almost too large for market, sometimes 5 and 6 inches across. Pkt. 5c.; oz. 30c.; $\frac{1}{4}$ lb. 80c.; lb. \$3.00. By Express or Freight, not prepaid, lb. \$2.90.

TESTIMONIAL.

A customer at Nassau, British West Indies, writes that "every one has been very much pleased with your Seeds. Last October I procured from you one bushel of Bloomsdale Pearl Onion Sets, which were a great success, as from the one bushel of Sets I sold *One Ton* of very fine bulbs."

White Pickling Onions.

Grow your own small Onions for pickling. Sow Landreths' Bloomsdale Pearl, none so suitable, none so white and quick to mature. Only 60 days from sowing to ripening. One pound of Seed, costing, including postage, \$3.00, will produce sufficient bulbs of $\frac{1}{2}$ inch diameter to fill 40 1-qt. bottles.

RECIPE FOR PICKLING ONIONS.—Remove outer skin by subjecting to scalding hot salt water. Then dry and fill the bottles. Subsequently pour into the bottles hot boiled vinegar flavored with allspice and clove. When the vinegar is cold cover tightly.

Landreths' Extra Early Gold Seal, 80 Days.

The earliest of all yellow Onions, consequently desirable either to the family or market gardener. Form flat and thin, solid, mild in quality. Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 65c.; lb. \$2.20. By Express or Freight, not prepaid, lb. \$2.10.

Bloomsdale Large Yellow Strasburg.

A reliable, widely cultivated variety, not so strong in flavor as the Red. Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 65c.; lb. \$2.00. By Express or Freight, not prepaid, lb. \$1.90.

Landreths' Extra Early Red Seal.

The earliest of all red Onions and of excellent quality. Mild in flavor, solid, very flat and thin. A popular sort with the market gardeners and also desirable in the family garden. Pkt. 5c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.50. By Express or Freight, not prepaid, lb. \$2.40.

Bloomsdale Extra Early Dark Red, 100 Days.

A variety of unusually early maturity for a large red. Medium size, broad, flat, deep red in color, and an excellent keeper. Several weeks earlier than the Wethersfield Red. This is a special strain difficult to obtain elsewhere. Some selections of Onion seed sold as Extra Early Red are two weeks behind the Bloomsdale in period of maturity. Pkt. 5c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.50. By Express or Freight, not prepaid, lb. \$2.40.

Bloomsdale Silver Skin or White, 85 Days.

A mild, pleasant-flavored variety, admirable for family use, not so good a keeper as the dark-skinned varieties, but better flavored and always salable. Crop very short. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; lb. \$3.00. By Express or Freight, not prepaid, lb. \$2.90.

Peas.

Landreths' Extra Early.

The earliest sort, 48 days from sowing. None are earlier, none are better, while many are far inferior. Our strain has been so counterfeited that we sell them only under seal in cardboard packages or in muslin bags or cotton sacks, the various packages ranging from three pints to two bushels. It is not safe to make any experiments with a questionable stock of Peas which require seven weeks to prove whether good or bad. With the Landreth there is no risk. Pkt. 10c.; pt. 30c.; qt. 50c. By Express or Freight, not prepaid, 4 qts. \$1.20; peck \$2.10; bush. \$6.75.



LANDRETHS' EXTRA EARLY PEAS—THE "RED-BAG" PEA.

TIME OF RIPENING.

Forty-eight days after sowing Landreths' Extra Early Peas the pods were in marketable condition.

In your Catalogue I read a statement to that effect, but I did not think it possible.

L. BEEDLINGER.

Pepper.

Chinese Giant.

This plant is of the habit of the Sweet German, but the fruit, brilliant red, is twice the size, the variety being unquestionably the largest fruiting Pepper known. Every one should have it. Pkt. 15c.

Radish.



Scarlet Early Prussian Globe.

This is not the Prussian Globe of other dealers, but quite distinct and very superior. Eighteen days to maturity. A small-leaved variety well adapted for forcing under glass; root round and carmine-colored, early, very attractive and desirable, fine for forcing. A new color and very choice. Every gardener should have it. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.05. By Express or Freight, not prepaid, lb. 95c.

All Seasons.

Its name indicates that it is a variety suitable for early Spring, Summer or Autumn. It is a Cherry-red Globe, 1 or 2 inches in diameter, edible at all stages from 40 to 70 days. It most nearly resembles a China Rose, but is superior. When grown as a Winter sort, it develops to a large size, and will keep in perfect condition for months. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. \$1.00. By Express or Freight, not prepaid, lb. 90c.

Icicle.

A half-long, of from 5 to 6 inches, broad-shouldered, crown greenish, body of the root pure waxy white, somewhat similar in character to the Vienna, but shorter and thicker. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 90c. By Express or Freight, not prepaid, lb. 80c.



ICICLE.



Landreths' Excelsior.

The best Scarlet Globe. We cannot say more. For forcing or open ground. Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 65c.; lb. \$2.00. By Express or Freight, not prepaid, lb. \$1.90.



LANDRETHS' EXCELSIOR.

Tomato.



Landreths' Earliest, 85 Days.

Not surpassed in earliness by any Tomato under any name. Undoubtedly the most desirable first early ever introduced, ripening 15 days earlier than Acme, bright red, very solid, smooth and half-flat, and added to its other merits exceedingly productive. To a market gardener it is worth five prices. Pkt. 20c.; oz. 60c.; $\frac{1}{4}$ lb. \$1.95; lb. \$6.50. By Express or Freight, not prepaid, lb. \$6.40.

TESTIMONIAL.

FAYETTEVILLE, N. C.

Landreths' Earliest Tomato ripened 10 days ahead of the Extra Early Freedom and 20 days ahead of the Essex.

The Landreth resisted the rot better than any other sort, and in every respect is a money-maker, being wonderfully productive. I have had control of the market for two weeks.



LANDRETHS' EARLIEST TOMATO.

Landreths' South Jersey.

An extra early Red sort of good size and texture, used largely for shipping to the Philadelphia market. Pkt. 5c.; oz. 40c.; $\frac{1}{4}$ lb. \$1.20; lb. \$4.00. By Express or Freight, not prepaid, lb. \$3.90.

Turnip.

Landreths' Market Garden Ruta-Baga.

An early form of the Bloomsdale Swede. Less yellow in flesh, foliage not so dark. A good keeper and very desirable for the market gardener. We have been selling this sort for several years in two or three gardening sections, where it has given great satisfaction. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 85c. By Express or Freight, not prepaid, lb. 75c.

NOVELTIES AND SPECIALTIES IN FLOWER SEEDS AND PLANTS

Aster—The Favorite.

In The Favorite we have an exceedingly hardy, strong-growing and prolific variety, and we take pride in offering it to our customers, all of whom can rest assured that The Favorite is all that we claim for it. The flowers are of large size, the outer petals being wavyly reflexed, centering in a whorl of curled and twisted petals of great beauty. Color blush on opening, changing to a rich deep pink as the flowers become older. Pkt. 20c.



ASTER—THE FAVORITE.

Aster—King Humbert.

Is undoubtedly one of the best of the new varieties. Dwarf, but bears gigantic comet-like flowers of faultless shape. Plant very branching. Pkt. 15c.

Aster—Lady.

White. Undoubtedly the most graceful of all the Asters, and entirely distinct by reason of its narrow pale green leaves. Every lover of this flower should try a packet of Lady. Pkt. 15c. Mixed colors. Pkt. 15c.



ASTER—LADY.

Aster—Midsummer Triumph.

Dark scarlet. Flowers very early, June 20 to 25, with perfect blooms, and in full bloom from middle of July and continues to bear flowers for a long period. Comes absolutely true from seed and will prove a gem—makes a delightful pot plant. One of the florist's favorites. Pkt. 20c.

Aster—Giant Comet, The Bride.

A beautiful new Aster, white passing to rose. Pkt. 15c.

Aster—Daybreak.

This flower is bound to be a favorite wherever known. Flowers are a beautiful sea-shell pink, borne on long stems and as round as a ball. Plants are compact strong growers, flowering very early and continuously. Every well-planned garden should have a bed of Daybreak Aster and its companion Purity. Pkt. 10c.

Aster—Liliput.

Something new, dainty and beautiful. The plants grow from 6 to 10 inches high, are compact with small leaves and quilled flowers. The large Asters are fine, but these little pets beautify the garden as lovely children beautify the home. Try the Liliput Aster one season and you will never be without them. You will use them on the dining-table, in the reception room, and especially for boutonnières, as the gentlemen will find they last longer and look as well as the time-worn Carnation. Pkt. 20c.



AGERATUM—PRINCESS VICTORIA LOUISE.

Ageratum— Princess Victoria Louise.

A charming novelty, bearing bright blue flowers with a pure white centre. The plants being of the Tom Thumb variety, form charming borders or make splendid carpet beds. They grow very compact and rarely exceed 8 inches in height. Pkt. 15c.

Arctotis Grandis.

Remarkably handsome new annual from Southwest Africa, growing luxuriantly in our climate, forming profusely branched bushes about 2 feet high. Leaves soft and whitish. Flowers borne on long stem well above the foliage, measuring from 2½ to 3 inches across. Upper surface of petals are pure white with narrow yellow zone at base; reverse side of petals are pale lilac. Blooms all Summer and of easy culture. Pkt. 20c.



ARCTOTIS GRANDIS.

Browallia—Landreth's Mammoth Flowering.

A valuable perpetual flowering plant. Flowers are large, about 1½ inches in diameter; the color is a bright violet-blue, with a white throat. If the seeds of this beautiful Summer flowering annual are sown in July or August, they produce fine pot-plants about 1 foot high, which will be covered with these magnificent indigo-blue flowers all Winter. Pkt. 10c.

Bocconia Japonica (Called Plume Poppy).

Flowers are borne in great feathery or plummy masses, in terminal panicles raised high above the heavy foliage, making the plant unique in its general appearance. Fine for bold and striking effects or for a single specimen. Works in well among shrubbery and is becoming very popular. Pkt. 10c.

Calliopsis—Bicolor Nana Purpurea.

These plants grow only 9 inches high, and throw their beautiful dark velvet flowers well above the foliage, on long stems. Pkt. 10c.

Candytuft—Rose Cardinal.

New, very large, oval heads. Plants literally covered with the flowers, presenting one mass of this beautiful shade of rosy scarlet. Highly recommended. Pkt. 10c.

Candytuft—Empress.

A superb variety, largest in cultivation. Flowers are very large, pure white and on good stems. One of the finest. Pkt. 10c.

One packet each of the above Candytufts for only 15c.



CELOSIA—THOMPSONI MAGNIFICA.

Celosia — Thompsoni Magnifica.

This novelty represents the most perfect strain of ostrich-plumed Cocks-combs. Plants true pyramidal branching. Flower spikes vary in the most magnificent shades of color, ranging from clear yellow to darkest blood-red. A very valuable flower. Pkt. 15c.

Hollyhock—Landreths' Extra Select.

A very choice strain, selected only from the most perfect flowers. If you want the most perfect double Hollyhocks, try a packet of this strain. All the shades and colors mixed. Pkt. 20c.

Morning Glories—New Large Flowering Rochester.

A strong growing and wonderfully free flowering variety, with very large flowers with the most attractive tint of light blue. Flowers 4 to 5 inches across. The large open bell is distinctly outlined with a narrow band of silvery white, in charming contrast to the lovely tint in the central portion of the flower. Pkt. 10c.

Morning Glories—Imperial Japanese.

By many considered the handsomest of all the Morning Glories. They are very rapid growers, covering large areas in a short time. Foliage is novel in form and markings. Flowers are mammoth in size, ranging in color from almost black to a pure white, with some spotted, striped, etc. Imperial Japanese Fringed. Pkt. 15c.
Imperial Japanese Double. Pkt. 15c.

Petunia—Landreths' Rose Fringed Bedder.

A charming compact plant with large fringed single flowers of a beautiful brilliant rose color. These plants will make a showy bed, also fine for pot plants. Pkt. 20c.

Sunflower—Perkêo.

A charming, perfectly dwarf variety of the well-known Miniature Sunflower (*Helianthus cucumerifolius*). The plants form regularly dwarf round and compact bushes that measure, when fully developed, about 10 inches high and 14 to 16 inches in diameter. Above the small dark-green leaves are borne on thin but wiry stems the single-ray floret flowers, that are same size as *Helianthus cucumerifolius*. The ray florets are of a pretty yellow color, while the centre of the flower is black. *Helianthus Perkêo* will prove to be a very valuable addition to the list of cut flowers. Very excellent for florists. Pkt. 10c.

Nasturtiums—Landreths' Giants.

A California strain of beautiful giant flowers with a great range of color, including Sunlight, Moonlight, Twilight, Butterfly and all the California Giants. There will be no disappointment when these bright attractive blooms appear in their many shades and tints, showing the crimped crepe-like effect of the flowers. Pkt. 10c.



NASTURTIIUMS—LANDRETHS' GIANTS.

Nasturtiums—Tom Thumb, Golden Queen.

Our illustration shows a plant of this new yellow-leaved Nasturtium lifted from the open ground, that you may see how extremely floriferous the plant is. Notice the flowers are thrown well above the foliage, thereby enhancing the brilliancy of the effect. Flowers a beautiful golden shade. Valuable for borders or massing in beds. Pkt. 20c.



NASTURTIIUMS—TOM THUMB, GOLDEN QUEEN.

New Japan Dolichos—Daylight.

This grand climber is desirable for both its beautiful flowers and heavy foliage. Vines vigorous, and growing quickly to a height of 8 or 10 feet, and blossoms profusely from base to summit, the large spikes of pure white flowers standing out boldly from the rich green foliage. Seed pods are quite distinct and very ornamental. Pkt. 10c.

Sweet Peas.

(For descriptions and special prices, see page 63.)



Royal Large Flowering Sweet Sultan.

distinct new type of giant flowering Sweet Sultan. Plants vigorous, producing numerous large flowers in various shades of color on long stems. The flowers are beautifully shaded, while the petals are finely fringed, giving a soft feathery effect. They will keep many days after being cut. It is impossible for an illustration to convey the graceful beauty of these flowers which bloom till Autumn. Pkt. 10c.

ROYAL LARGE FLOWERING SWEET SULTAN.

Pansy—Diana.

New. Very pale yellow or cream flowers, large, full and inclined to ruffle. Pkt. 15c.

Pansy—Masterpiece or Ruffled.

A wonderful variety, the border of every petal being conspicuously undulated and curled.



PANSY—MASTERPIECE.

(For General List of Pansies, see page 61.)

Flowers extremely large, having many beautiful tints not met with in any other Pansy. The richest, largest and best of the five spotted varieties. Pkt. 20c.

Pansy—Land- reths' Philadelphia.

This is a special strain of our own, which embraces the greatest variety of shading imaginable. Flowers often measure $2\frac{1}{2}$ inches in diameter, exquisitely fragrant and of wonderful substance. Each year the demand for this variety is increasing, which proves its popularity. Pkt. 25c.

Dwarf Salvia Splendens—Lord Fauntleroy.

The illustration is engraved from a photograph of one plant, measuring only 18 inches high from the ground to the tips of the spikes. This is a fair average specimen, and we have found in two years' trial that it comes strictly true from seed. It will at once be seen that for bedding this new Salvia is fully as suitable as Geraniums in respect to height and compactness, while in brilliancy of color it eclipses anything in nature. We have counted over one hundred spikes of bloom on a single plant. The foliage is of a very rich dark-green color, beginning right at the ground and rising no more than 10 inches above, while the 8-inch flower spikes stand erect and clear above the foliage. For bedding in masses alone, or with plants of equal height, or for borders around beds of taller plants we know nothing that will be so effective. Pkt. 25c.

Salvia Splendens Silverspot.

For description and illustration see page 14. Pkt. 25c.

New Abutilon—Driven Snow.

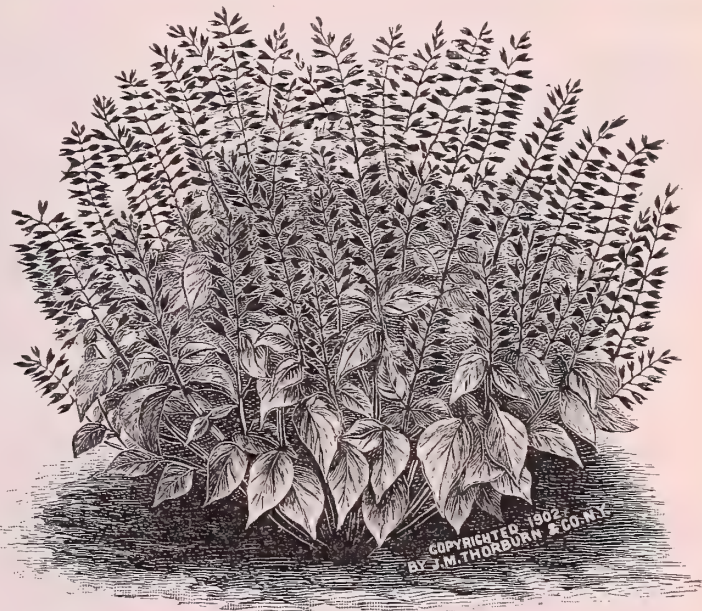
The finest white Abutilon yet brought out. Very free blooming. Stock limited. Each, 15c.; \$1.00 per doz.

New Abutilon—Thompsoni.

A new variety, the flowers of which are so double it resembles a double Hollyhock, and their color is a rich deep orange, streaked and shaded with crimson. The foliage is variegated. Each, 15c.

Flowering Coleus—Thyrsoides.

No! Not a foliage plant like the many varieties used for bedding, but entirely different, as the foliage is plain. This Coleus produces blooms all Winter, till nearly first of June. The beautiful flowers, resembling Larkspurs, are borne on spikes from 6 to 12 inches long. Think of these charming blue flowers in the house all Winter. How delightful! Give this novelty a trial. Each, 25c.



DWARF SALVIA SPLENDENS—LORD FAUNTLEROY.

Geraniums—Fairmount Park Collection.

After walking up and down the rows of Geraniums on our grounds and comparing them with those in the best beds in many of the largest and finest parks in the country, we have decided that this collection of one dozen will be the most satisfactory. They comprise all the best colors and are strong growing plants.

No. 1.—SIX OF THE BEST SINGLE GERANIUMS.

GRANVILLE.—Clear rosy pink, stands sun better than any other single pink. Invaluable as a bedder.

JACQUERIE.—Magnificent bloomer, large, velvety dark crimson-scarlet.

L'AUBE.—Enormous size trusses, large round florets pure snow-white, retaining its pureness during the season. The best white bedder.

MRS. E. G. HILL.—Trusses immense, centre soft light salmon bordered with rosy salmon.

MAD. BRUANT.—White veined with carmine-lake, often producing a striped effect.

WILLIAM EWING.—Very pale salmon lightly tinted with pink toward the centre of flower, which is of the largest size and most perfectly formed. Blooms abundantly. A charming refined beautiful flower. Splendid exhibition variety.

No. 2.—SIX OF THE BEST DOUBLE GERANIUMS.

ALPHONS RICCARD.—Clear vermilion-scarlet, trusses of the largest size; one of the finest Geraniums. Dwarf vigorous habit, constant bloomer, and produces its flowers so freely they nearly hide the foliage.

JEAN VIAUD.—Bright rosy pink, white blotch in centre, very large, semi-double, borne well above foliage, making a perfect mass of pink during entire Summer. Dwarf compact habit. Many think it the very best pink bedder.

MARQUESSE DE MONTMORT.—Deep brilliant carmine-purple. Splendid habit, vigorous and clean, massive erect truss, profuse bloomer, foliage deeply zoned.

MME. CANOVAS.—Same type and rival of S. A. Nutt, with immense trusses of large brilliant fiery scarlet flowers shaded with maroon, of perfect shape, large dark-green foliage.

MME. JAULIN.—One of the finest varieties, dwarf but robust grower, perfect bedder, centre of flowers delicate peach-pink bordered pure white, deep zoned foliage.

MME. LANDRY.—Clear salmon shading to copper on the edges, with white eye. Free and constant bloomer, very large flowers. A distinct variety.

Any of this choice selection of Geraniums for only 10c. each; \$1.00 per doz. By Express, not prepaid, \$4.00 per 100.

Crotons.

Many people are afraid to try these beautiful plants, thinking they are too delicate, but this is a mistake for they are as easy to grow as a Coleus, and are among the finest decorative plants. Some of the leaves are long, narrow and gracefully arching, while others are short and wide. They are all more or less veined and margined, or entirely variegated with tints of yellow, orange and crimson. The plants love heat, sunshine and moisture, and are fast becoming one of our most beautiful bedding plants. They are also handsome house-plants.

AUREA MACULATA.—Small leaves, deep green, profusely spotted with bright yellow and crimson.

DERMANIANA.—Chocolate with bright orange-red spots.

VEITCHII.—Yellow, green and crimson. One of the best.

Plants each, 20c.; \$1.50 per doz.

Dracæna Godseffiana.

A hardy house plant, and quite unlike the old and well-known varieties, as it branches freely, also throws out suckers from the base, thus forming a compact graceful plant very quickly. The leaves are nearly 6 inches long by about 2½ inches wide, and of a rich deep green color, densely marked with dots and spots of creamy-white. One of the most striking ornamental foliage plants. Plants each, 50c.

Little Jap Fern Ball.

This novelty, introduced a few years ago, is still a great favorite. This ball, about 8 inches in diameter, is made of moss and roots of ferns ingeniously twisted together by the Japanese, and can be kept in a dormant state for months. To start, place in a pail of water (and hold down by a weight so it is covered with water) for 2 or 3 hours till thoroughly soaked; after this it should be watered at least 3 times a week, oftener would be better. Once a week give it a thorough soaking. When fully leaved out it is a beautiful hanging basket about 14 to 16 inches in diameter. By withholding the water they dry up and may be laid away for a season, and will start again when watered as before. When starting keep in temperature of about 60° or 65°. Each, 75c.



LITTLE JAP FERN BALL.

Boston Drooping Fern.

The fronds often attain a length of 4 feet, which arch and droop over gracefully, making it one of our most handsome decorative plants. Every one admires this excellent plant. Plants, 2c. each; larger size, 50c.



BOSTON DROOPING FERN.

Lantana—Aurora.

Light and dark shades of pink. Each, 10c.; doz. 90c.

Lantana—A. Cook.

Dwarf, yellow and shading red. Each, 10c.; doz. 90c.

Lantana—Amile.

Reddish orange, yellow centre. Each, 10c.; doz. 90c.

Lantana— Delicatissima.

The Weeping or Trailing Lantana, an extraordinary fine plant for flowering in house during Winter, either in pot or hanging-basket. Flowers, which are a delicate rosy-lilac, are borne freely Summer and Winter, literally covering the plant. Each, 10c.; doz. 90c.

Lantana— Harkett's Perfection.

New, yellow and pink variegated. Each, 10c.; doz. 90c.

Lantana—Javoi.

Large white. Each, 10c.; doz. 90c.

The set of 6 for 45c.



LANTANA—DELICATISSIMA.

Moonflower (*Ipomœa*)—Bona Nox.

Sometimes called Evening Glory or Good Night, on account of flowering late in the afternoon and remaining open all night. A vigorous grower, often climbing 30 feet in a Summer. Tender climber. Each, 15c.; 3 for 40c.

Moonflower (*Ipomœa*)—Leari.

Or Blue Moonflower. Very large flowers of the most intense blue, with reddish-purple rays. Tender Climber. A plant of each makes a splendid contrast. Each, 15c.; 3 for 40c.
One plant of each of the above for 25c.

All goods delivered at these prices, unless noted.

Maranta—Masangeana.

A very pretty and valuable decorative plant. The oval-shaped leaves are about 4 inches long, spotted with chocolate-maroon over a beautiful shade of pea-green. The flowers are white and small, but the foliage is always bright and attractive. Plants, 2 c. each.



MARANTA—MASANGEANA.

Palms.

Every home wants one or more of these magnificent decorative plants. They require but little attention, will succeed under the most ordinary care, and fit in anywhere with grace and dignity.

Palms—*Areca Lutescens*.

One of the most beautiful and graceful Palms cultivated; stem is rich golden yellow with foliage of bright glossy green. First size, \$1.00; second size, 50c.



PALM.

Palms—Cocos

Weddeliana.

The most graceful of the small Palms. Its slender, erect stem is freely furnished with graceful arching leaves of a rich green color. Admirable for fern dishes as they are of slow growth. First size, 50c.; second size, 25c.

Palms—Kentia

Belmoreana.

The Kentias are the hardiest in cultivation and are more satisfactory as a house plant than any other variety. They are less affected by the dust and dry atmosphere of the house. Not so tall and more spreading than *Forsteriana*. First size, \$1.00; second size, 50c.

Palms—*Kentia Forsteriana*.

The "Thatch Palm," very similar to last but taller, of stronger growth, with broader heavier foliage. First size, \$1.00; second size, 50c.

Palms—*Latania Borbonica*.

Fan-shaped leaves, split into divisions at the apex, with frequently threads hanging between the divisions. It is a strong vigorous plant and makes a fine appearance. First size, \$1.25; second size, 50c.

Palms—*Phoenix Reclinata*.

A strong growing form of the Date Palm, with dark green glossy leaves. First size, \$1.00; second size, 50c.

One of each variety of these Six Palms of the first size for \$5.00.

Pandanus Utilis (Screw Pine).

One of our most ornamental foliage plants, very decorative and excellent for centre of vases, baskets, etc. Small plants, 25c.; large plants, 50c.



PANDANUS UTILIS.

Primrose (*Primula Forbesii*)—Baby Primrose.

Delicate little flowers, of rosy lilac color with pale gold eye, are borne well above the plant and produced in great abundance; very easy to cultivate; a splendid pot plant for the house. Plants, each, 25c.; 2 for 40c.

Primrose (*Primula Forbesii*)—*Primula Obconica Grandiflora*.

Flowers are pale lilac shading to white. Plant is a constant bloomer, of easy culture. Plants, each, 25c.; 2 for 40c.

Petunias—Double Fringed.

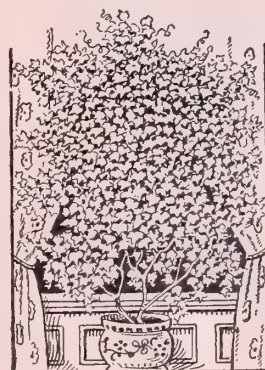
We have a very choice collection of these fine bedding plants in a great variety of colors and tints. Each, 15c.; doz. \$1.50.

Petunias—Single Fringed.

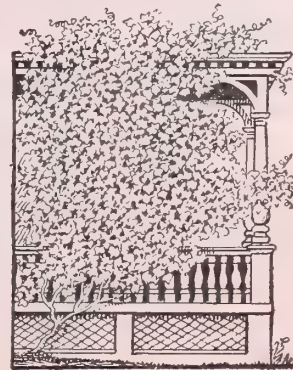
Like the double varieties, they are fine for bedding, vases, boxes, etc. Each, 10c.; doz. \$1.00.

White Star Climber.

Exquisitely fine foliage, dainty white flowers, very fragrant. Rapid grower, completely covering window in short time, forming a delicate light-green curtain. It does not require sunshine, but will do quite as well in north window. Everyone is delighted with this treasure. It will bloom all Winter, and after being cut down and planted outdoors in the Spring, will grow 15 feet over porch. Each time the plant is cut back and transplanted it grows stronger and better. In the Fall can be cut back and removed to house again or treated like a Dahlia. Plants, each, 20c.; 2 for 30c.



PLANT IN WINDOW.



PLANT ON PORCH.

WHITE STAR CLIMBER.

Salvia Splendens Silverspot.

The habit of the plant is neat and compact with rich dark-green leaves, elegantly spotted with light sulphur or cream color. The intense bright scarlet flowers are large and borne in great profusion, standing well above the foliage. Pkt. 25c. Plants, each, 15c.; 2 for 25c.



SALVIA SPLENDENS SILVERSPOT

Salvia Splendens Bonfire.

Finest of all the scarlets, grows about 2 feet, and is one mass of scarlet during the entire season. Each, 10c.; \$1.00 per doz.

Flowering Plants.

NEW DEPARTURE. A FRIEND IN NEED.

Many people would enjoy raising flowers of annuals and hardy plants if it were not for the trouble of starting the seeds and then transplanting to the permanent bed. In order to assist such persons, and also for those who want early plants, we have started the seeds, and will furnish from the seed-beds strong little plants of the following varieties. Will ship orders for Southern and warm States March 1st, and other States beginning April 1st, unless definite directions are sent with the order. Mailed prepaid. Dozen, 25c., not more than 4 varieties in the dozen. Each, 10c.; per 100, composed of not more than 10 varieties, \$1.50.

ANTIRRHINUM.—Best dwarf mixed and large flowering mixed.

AQUILEGIA (Columbine).—Single mixed.

ASTER (Victoria).—In colors. (Branching).—Three colors.

AMARANTHUS (Joseph's Coat).

BALSAM.—Camellia-flowered, white.

CALLIOPSIS.—Fine mixed.

CARNATION.—Best hardy dwarf mixed and Marguerite mixed.

COSMOS.—Mixed large flowering and large flowering in colors.

CHINA PINK.—Single mixed and double mixed.

CANTERBURY BELL.—Single blue, single white, double blue, and double white.

CENTAUREA GYNNOCARPA (Dusty Miller).

DIGITALIS (Fox Glove).—Fine mixed.

GLOBE AMARANTH (Bachelor's Button).

GAILLARDIA.—Grandiflora and mixed.

HELICHRYSUM.—Large flowering, double mixed.

HOLLYHOCK.—Double white and double mixed.

MARIGOLD.—Dwarf lemon and orange quilled.

NASTURTIUM.—Dwarf crimson, Golden King, Rosa and scarlet.

PANSY.—Large flowering, mixed.

PETUNIA.—Finest mixed.

PHLOX DRUMMONDI.—White and Grandiflora mixed.

PLATYCODON.—Grandiflorum Alba and Mariesii Nana.

PYRETHRUM.—Parthenifolium.

SCABIOSA.—Snowball.

SWEET WILLIAM.—Double mixed.

VERBENA.—Mixed.

WALLFLOWER.—Fine mixed, and tall, splendid, mixed.

ZINNIA.—Golden Gem, scarlet, white and single mixed.

Plants only 25c. per dozen, composed of not more than 4 varieties; 10c. each; per 100, \$1.50, not more than 10 varieties in each 100.

D. LANDRETH & SONS,

Philadelphia, Pa.:

Gentlemen,—Early in the season I bought a trial order of your seedlings of flowering plants and have been very much pleased with the result. The little plants came in fine order and have grown vigorously.

Sincerely yours,

Formerly of South Butler, N. Y.

MRS. M. W. WELCH.

August 14, 1902.

Strobilanthus Dyerianus.

An excellent bedding plant as well as a beautiful foliage plant for pot culture. It forms a compact bush 18 inches high, with leaves 6 to 9 inches long; of a beautiful metallic purple, shading into light rose, with a light green margin, a combination unapproached by any other plant. The flowers are violet-blue, borne in immense racemes. Each, 15c.



STROBILANTHUS DYERIANUS.

Verbenas.

All are so familiar with these old favorites it is not necessary to illustrate or describe them. Our stock of plants is sure to give satisfaction.

BEAUTY OF OXFORD.—One of the old standard, deep clear pink, strong.

GEN. CUSTER.—A perfect gem among reds, dwarf and bushy, very floriferous, color the most brilliant scarlet—a taker with everybody.

MRS. MCKINLEY.—Large white, strong grower.

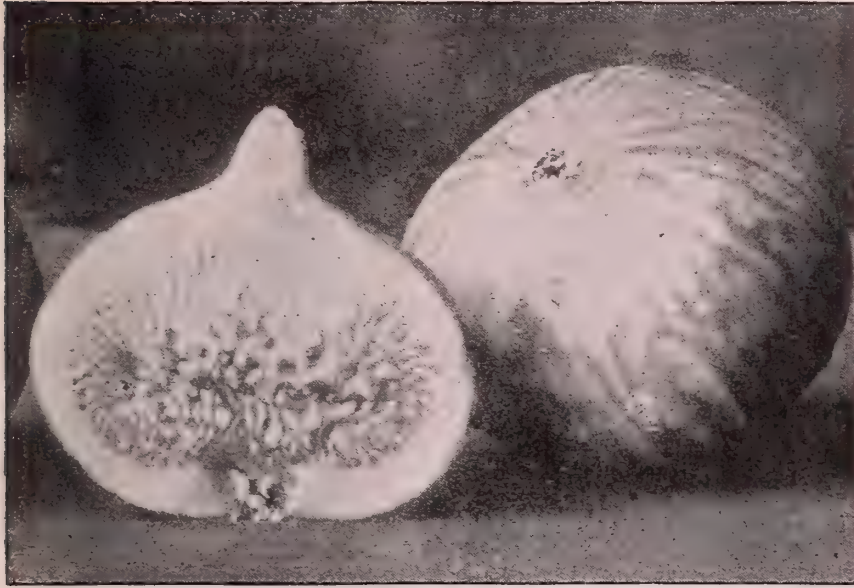
SAPPHIRE.—Fine dwarf purple.

SWANGER'S BEAUTY.—White striped with red, standard of striped varieties, a strong hardy grower, fine for pot culture, a good bedder.

Each, 10c.; doz. 80c.; 100, \$5.00. Separate colors, such as blue, red, white, scarlet, pink, purple, maroon, striped or mixed, each, 10c.; doz. 75c.; per 100, \$4.00.

Brown Turkey Fig.

This variety, one of the hardiest, can be successfully grown farther north than any other, and if "pegged" down and covered with leaves during Winter, delicious fruit may be grown as far north as Philadelphia. The fruit of this variety is very sweet, of large size and violet-brown color. Tree comes to fruiting young and is prolific. Price, 25c. each, postpaid. Larger trees by Express or Freight, not prepaid, 50c. each.



BROWN TURKEY FIG.

Tritoma Pfitzerii (Flame Flower).

We used to call Tritoma Uvaria Red Hot Poker, but this variety is a great improvement; it throws up a stem 3 to 4 feet high, with blooms 1 foot in length of a rich orange-scarlet, shading to salmon-rose. Certainly worthy a trial in every garden. 25c. each.



TRITOMA PFITZERII.

Vinca—Major Variegata.

One of our best plants for vases or boxes. Rapid grower; leaves glossy green with white margin, flowers blue. Each, 15c.; 6 for 65c.; doz. \$1.00.

Satsuma Orange (Seedless).

The nearest approach to a frostproof Orange and with many other excellent points in its favor. A very early bearer, producing fruit at three years of age. Being dwarf in habit, it can be easily protected if necessary in extremely cold weather. The fruit always commands fancy prices. A superb variety for pot culture. Price, 35c. each, postpaid. 3 to 4 feet by Express, not prepaid, 75c. each.



SATSUMA ORANGE.

Kin-Kan or Kumquat.

Meaning, in Japanese, Gold Orange. A deservedly popular fruit, either for field or pot culture. As a table decoration it is unique—diminutive trees in pots bearing small, deep yellow oranges about an inch in diameter, sweet, juicy, delicious, eaten raw, preserved or crystallized. Price, postpaid, 35c.; larger plants, by Express, not prepaid, 50c. each; \$5.00 per doz.



KIN-KAN OR KUMQUAT.

Lemon Verbena (Aloysia Citriodora).

10c. each; 6 for 50c.

America's Bed for 1903.

THE FLOWER BED ILLUSTRATED ON THIS PAGE
IS ONE OF THE MOST ATTRACTIVE EVER SEEN.

The centre standing about three feet high is a mass of *Salvia Bonfire* with its flaming scarlet flowers. Surrounding this is a belt of pure white *Vinca*, which grows fourteen inches lower than the *Salvia*. The foliage of the *Vinca* is a rich dark green, contrasting finely with its exquisite white blossoms. The border of the new *Ageratum*—*Princess Victoria Louise*—is beautiful, the bright blue flowers reaching from the earth to within a few inches of the *Vincas*. Such a bed will cost you only 25 cents, and prove a constant delight throughout the Summer and Autumn.

One packet each of *Salvia Bonfire*, *Vinca Pure White* and *Ageratum Princess Victoria Louise*, which is sufficient to plant this bed, for only 25 cents.

For those who prefer to have the plants we can supply 30 *Salvia Bonfire*, 60 *Vinca Pure White*, 50 *Ageratum Princess Victoria Louise*, which is enough to plant a bed eight feet in diameter, at following prices: Large strong plants, delivered by Express, for \$5.00. Smaller plants, well rooted, by Mail, for \$2.75.

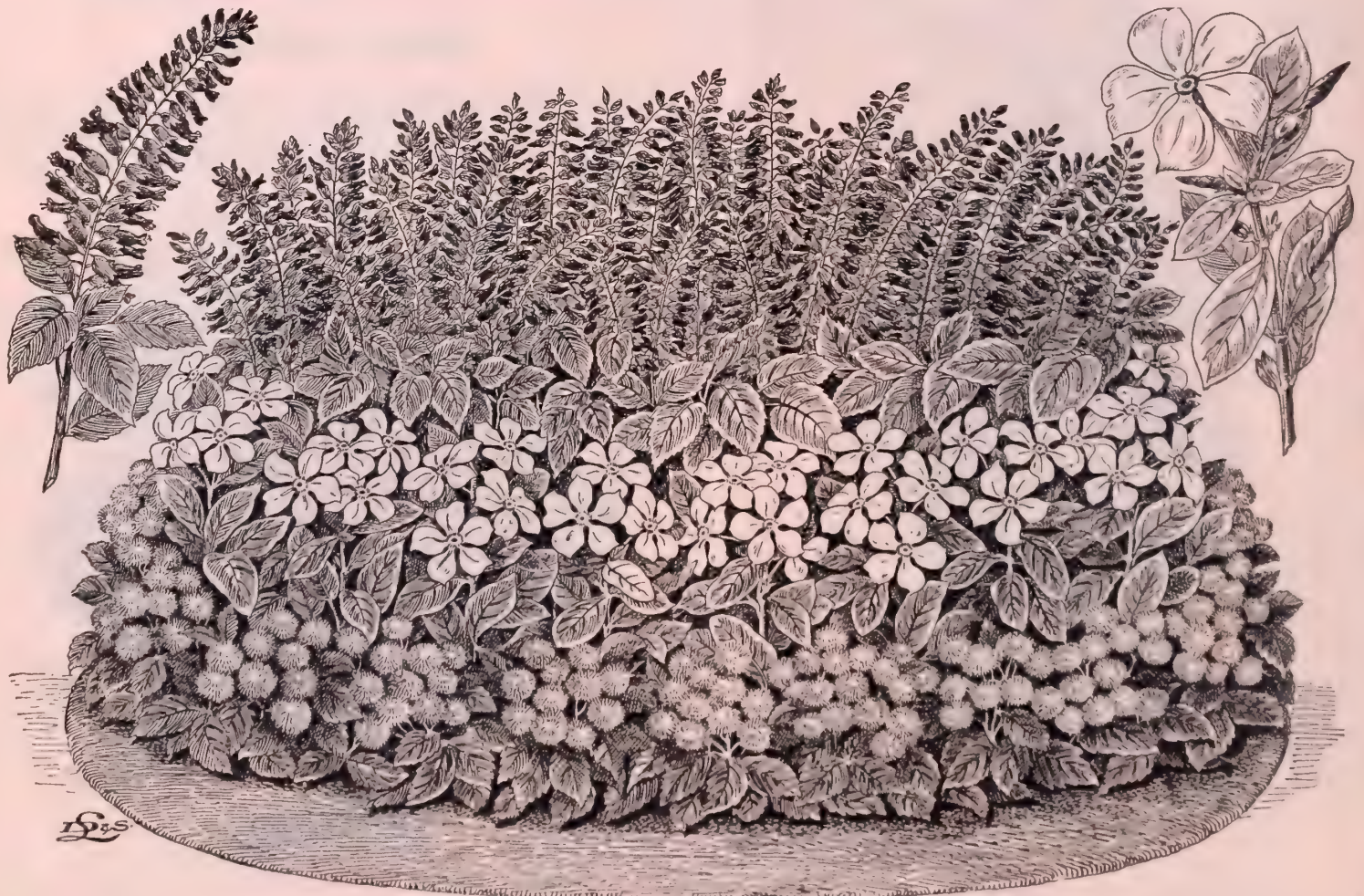
Seeds of the three varieties sufficient to plant this bed for only 25 cents.

PHILADELPHIA, PA.,
January 2, 1903.

Dear Friend:—This bed is one I had planned for my own garden next Summer and I am anxious to have one in your garden also. Try to make it more perfect and beautiful than mine, and please send photograph of your "America's Bed for 1903" so we can compare notes, and place the reproduction of the photograph of the finest bed in the 1904 Catalogue. The person whose bed is most perfect will receive a due-bill good for Three Dollars' worth of our best plants or seeds to be selected by themselves.

Yours, etc.,

JAMES VICK.



AMERICA'S BED FOR 1903.



BIRD'S EYE VIEW of part of one of the several plots used as Trial or Experimental Grounds at Bloomsdale Farm. Additionally, we have trial grounds on our Farms in New Jersey and Virginia. Since 1784, now one hundred and nineteen years, this Firm has continuously made such tests of Seeds to determine merit.



The Bloomsdale Trial Grounds

THOUGHTFUL readers will quickly perceive the relative merits between illustrations such as the above and a mere fancy picture, so meaningless as to be ridiculous.

These views of SEED GROWING FARMS illustrate a capacity to produce Seed, and they practically serve to indicate the extent of the operation.




1784—THREE CENTURIES IN ONE CONTINUOUS BUSINESS—1903

We ask the readers of this Catalogue of Garden Vegetables to compare its clear-cut arrangement, practical descriptions of varieties and most valuable notes, with other catalogues where such information is looked for in vain.

We do not stake our reputation on the effectiveness of an outside cover, nor on exaggerated illustrations of utterly unreliable and padded descriptions, but upon solid facts which may be relied upon as just the information the gardener should have, whether he be inexperienced or a master of his trade.

While discriminating purchasers of Vegetable Seeds give full praise to our efforts to grow on our own lands the choicest strains of vegetables as respects form, color, texture and periods of maturity, the average purchaser of seeds, on the other hand, nearly always wants something cheap, seeming to ignore the fact that the best cannot be given at the cheapest prices. This accounts for the many abnormal or misshaped vegetables seen in the markets, and consequent loss to the grower who is often the sufferer. An extra dollar or so spent for seed, per acre, often turns the scale of future failure or success.

Sorts marked with a pointer thus  throughout the body of the Catalogue are especially commended, and the reader's attention is pointedly directed to them.

SEEDS WHICH SUCCEED.

It is now 119 (one hundred and nineteen) years since Landreth's Seeds were introduced, and throughout this long period they have held without a question the highest place in the estimation of the Agricultural public of the United States. This, entirely a consequence of an unwavering determination on the part of the Landreth's to sell only the best, and to give their customers the fullest worth for their money, and to act honestly in every particular.

We will be delighted to add your name to our list of customers. Many families we have supplied for 100 (one hundred) years, one for 110 (one hundred and ten) years; that is a good record, therefore ask you to order from us some

SEEDS WHICH SUCCEED.

GENERAL RULE.—Cover Seeds Four Times Their Least Diameters.

Artichoke.

FRENCH SEED.

Three Ounces of Seed to 100 Yards
of Row.

choke in a congenial climate will stand for several years, but success with it in the United States cannot be expected north of the cotton belt.

LARGE GLOBE.—A French vegetable, the flower buds of which are eaten. Pkt. 10c.; oz. 40c.; $\frac{1}{4}$ lb. \$1.25; lb. \$4.75.

This plant may be grown from seed sown when the Cherry is in bloom or from suckers taken from established plants. If the seed be sown the plants may be raised in beds and transplanted. The seedlings or sets should be planted out in rows at four feet apart, at eighteen inches to the row. Arti-

One-year-old well-developed roots are better than old ones. When well planted and fertilized, a cutting of stalks can be made about three times the second year after planting. Cutting should not be continued too late in the

Artichoke.

JERUSALEM TUBERS.

are the tubers, which are produced after the manner of potatoes. It is propagated alone by its tubers, which should be planted in rows of five feet, and one foot apart in the row. It is perfectly hardy and very persistent in garden or field. The tubers, dug like potatoes, are used domestically as a salad for pickling. On the farm they are used for feeding swine. Yield about 300 bushels. Per qt. 25c. By Express or Freight, not prepaid, bush. \$2.75.

This should not be confounded with the French Artichoke, being a plant of an entirely distinct character—a species of the sunflower, growing to a height of six or eight feet. The edible portions

Asparagus.

Eight Ounces of Seed to 100 Yards of
Row. Fifteen Pounds to the Acre.

well cleared of trash or other incumbrances, and in a good state of cultivation. The land is prepared by opening deep trenches, six or eight feet apart, by passing a two-horse plow twice to each furrow, throwing a furrow slice to the right and left, and finally cleaning and deepening the furrow by a third passage of the plow. The roots are planted in the bottom of the furrow, at eighteen inches apart, and covered by an inch of soil.

Stable manure may be applied in the furrow before the roots are placed, or on top of the roots after they are covered.

North of the latitude of Washington, Spring planting, when the Apple is in bloom, is considered to give the best results, but south of Washington, Fall planting has proven the best. We can ship Asparagus roots from October to March to any point within 1,000 miles, but they must be planted as soon as received, as if exposed to the air are soon injured in vigor.

If the rows be six feet apart, about 6,000 plants are required to plant an acre; if at eight feet apart, 4,000 plants are required to the acre.



AN ASPARAGUS ROOT.

Spring, or the roots will become exhausted if the shoots are not allowed to develop fully, for of course it must be understood the leaves are the lungs of the plants. After cutting has ceased the ground should be worked by plowing away from the rows and manuring alongside, after which the earth should be thrown back. Twenty bushels of salt to the acre, sown broadcast, may be used to advantage annually. The roots of Asparagus (though some penetrate six and eight feet in depth) are, many of them, inclined to run near the surface; the cultivator should accordingly, as far as possible, aim at flat culture. Early crops, like Peas, may be profitably grown between the rows of Asparagus for the first two or three years. Asparagus can be bleached and made tender by mulching or covering with six inches of fine-cut hay, straw or leaves.

A season's cutting covers eight to ten weeks, and profitable cutting continues up to ten years from planting, after which time the beds are considered unprofitable by market gardeners.

SEED. { **PALMETTO.**—An early prolific, regularly developed type of Asparagus of the Southern seaboard. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 75c. **COLOSSAL.**—The leading variety in the American markets. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 60c.

ROOTS. { **PALMETTO.**—Two years old, \$1.20 per 100 by mail. By Express, not prepaid, 70c. per 100, \$4.50 per 1000. **COLOSSAL.**—Two years old, \$1.20 per 100 by mail. By Express, not prepaid, 70c. per 100, \$4.50 per 1000.

These prices are for the Seeds and plants delivered with your mail, except as noted

Bush Beans.

The Seed Crops of Beans have been exceedingly short — more especially of the Wax sorts.

These Mature for Table 27 to 50 Days from Germination, According to Variety.
Three Quarts of Seed to 100 Yards of Row. One and Two Bushels to the Acre.


Sow when the Apple is in bloom, and repeat as frequently as necessary until within 50 days of frost. In field culture sow in drills at two and a half feet apart. In garden culture, when the cultivating is done by hand, the rows may be at 18 inches. The seeds should be sown in such quantity as under ordinary circumstances to warrant one Bean vine to every four inches. If closer than this their production will be impaired. On strong soil they do best at a greater distance. Yield about 75 to 80 bushels.

Florida and Mobile Beans reach Philadelphia about the first of July, and command from \$5 to \$7 per crate. Round-podded varieties are most in demand. Beans generally sell well, but by the first of April decline to \$3 to \$5 per crate, and subsequently fall lower by reason of injury in transportation and near-by competition.

GREEN-POD VARIETIES.

 **LANDRETHS' FIRST IN MARKET, 29 DAYS.**—This is well-named, being the earliest Bean in existence, and therefore very profitable to the market gardener, and desirable to the private gardener as well. The pods are long, broad, green and very showy, reaching maturity in 30 days from germination, and the habit of vine productive. May be used in three forms—the green pods when young and tender, the older pods shelled as flageolets, and the hard, white, dry bean as haricot blanc. Pkt. 10c.; pt. 25c.; qt. 45c. By Express or Freight, not prepaid, 4 qts. \$1.05; peck \$1.90; bush. \$6.00.

STRINGLESS GREEN POD.—This new Bean produces a vine similar to Red Valentine, but develops pods to edible condition two to three days earlier than Valentine, that is say in 30 to 31 days from germination, which extraordinary maturity for table at once advances the Stringless Green Pod to the first rank among Table Beans. The pods are green, not quite so round as Valentine and less curved. The pods are stringless—absolutely so—this quality at once placing the variety at the top of the list among Table Beans. Pkt. 10c.; pt. 25c.; qt. 40c. By Express or Freight, not prepaid, 4 qts. 85c.; peck \$1.50; bush. \$4.75.

 **MAMMOTH STRINGLESS GREEN POD** (see Novelties).—A mammoth-podded selection from the original Stringless, not quite so early but more showy, and possessing the good qualities of the parent. Pkt. 10c.; pt. 25c.; qt. 40c. By Express or Freight, not prepaid, 4 qts. 75c.; peck \$1.35; bush. \$5.00.

EXTRA EARLY RED VALENTINE.—Pods develop to an edible condition in 32 days from germination. Color of pods, light green and semi-transparent. Form of pods, round and slightly curved. Pkt. 10c.; pt. 20c.; qt. 35c. By Express or Freight, not prepaid, 4 qts. 70c.; peck \$1.20; bush. \$3.75.

LONGFELLOW.—Vine similar to Mohawk, and productive of long, straight, round green pods. Pkt. 10c.; pt. 25c.; qt. 40c. By Express or Freight, not prepaid, 4 qts. 95c.; peck \$1.65; bush. \$5.25.

EXTRA EARLY REFUGEE, 33 DAYS.—Vine more compact than the old form of Refugee, and as good a Bean as the Red Valentine and as early. Pkt. 10c.; pt. 25c.; qt. 40c. By Express or Freight, not prepaid, 4 qts. 75c.; peck \$1.25; bush. \$4.00.


HORTICULTURAL DWARF.—A Bush Bean named after the resemblance of the pod in form and color to the pole variety of the same name. Pkt. 10c.; pt. 2c.; qt. 40c. By Express or Freight, not prepaid, 4 qts. 90c.; peck \$1.55; bush. \$4.90.

LANDRETHS' TOM THUMB (see Novelties).—Pkt. 10c.; pt. 75c.

REFUGEE.—This Bean in some sections is known as the "1000 to 1," by reason of its prolific character. It matures green pods for table use in 40 days from germination. Pods round, light green, waxy, tender and of fine flavor. Pkt. 10c.; pt. 25c.; qt. 40c. By Express or Freight, not prepaid, 4 qts. 70c.; peck \$1.15; bush. \$4.25.

For other varieties, see Novelty pages.

WAX-POD VARIETIES.

 **LANDRETHS' DOUBLE-BARRELLED WAX** (see Novelties).—Pkt. 10c.; pt. 35c.; qt. 55c. By Express or Freight, not prepaid, 4 qts. \$1.45; peck \$2.50; bush. \$7.90.

From 800 to 1,500 two-pound bunches of Asparagus can be cut to the acre and a good field hand can cut 150 bunches in a day. In the Philadelphia market Asparagus bunches are always made to weigh two pounds, and vary from ten to fifty stalks to the bunch, according to condition of culture. A skillful workman can trim, wash, pack and tie about 300 bunches in a day.

At the New York market green-pointed "grass" is demanded; the Philadelphia market calls for white-pointed. Both colors are found in the same field. The price obtained in the Philadelphia market by truckers from commission men is on an average ten cents per bunch, never lower than eight cents, though sometimes the price paid by commission men is forty to fifty cents.

One pound of Asparagus seed will produce 2,500 plants. The seed may be sown when the Cherry is in bloom or among the earliest operations in the Spring, and is usually drilled in rows of ten inches.




LANDRETHS' SCARLET, 35 DAYS.—Seed large, kidney formed, pods golden wax. Vine strong, foliage large, broad, hardy.

This valuable scarlet-seeded, yellow-podded Bush Bean in some particulars might be compared with the Golden Wax, but produces much longer, broader and more meaty pods, is earlier (maturing for the table in 35 days from germination) and more productive, fifty to sixty pods to the vine being quite general, and some vines far exceeding that number. Pkt. 10c.; pt. 30c.; qt. 50c. By Express or Freight, not prepaid, 4 qts. \$1.20; peck \$2.00; bush. \$5.55.

GOLDEN WAX.—Maturing for the table in about 35 days from germination. A flat-podded sort, but probably the best known of the yellow wax-pod varieties. Pkt. 10c.; pt. 30c.; qt. 50c. By Express or Freight, not prepaid, 4 qts. \$1.00; peck \$1.85; bush. \$6.75.


DWARF GERMAN WAX, BLACK SEED.—One of the oldest forms of the yellow wax or golden-podded varieties. Pods round, meaty, curved and borne in branches, ready for the table in about 40 days from germination. Vine erect and dwarf. Pkt. 10c.; pt. 30c.; qt. 50c. By Express or Freight, not prepaid, 4 qts. \$1.00; peck \$1.85; bush. \$6.75.

WARDWELL'S DWARF KIDNEY WAX.—Seed smaller than Landreth's Scarlet, kidney formed, color white with dashes of light purple about a white eye. A valuable golden wax-podded variety. Pkt. 10c.; pt. 30c.; qt. 50c. By Express or Freight, not prepaid, 4 qts. \$1.00; peck \$1.85; bush. \$6.75.

 **LANDRETHS' MAMMOTH-SEEDED GOLDEN WAX MOHAWK** (see Novelties).—Pkt. 25c.; pt. 70c.; qt. \$1.25.

CURRIES' RUST-PROOF.—A productive Golden Wax. Pods long, flat and of fair quality, and partially resisting rust. Pkt. 10c.; pt. 25c.; qt. 45c. By Express or Freight, not prepaid, 4 qts. \$1.05; peck \$1.90; bush. \$6.00.

CRYSTAL WAX.—Color of pods very light green and semi-transparent, round, curved, succulent, prolific, continuing long in edible condition; 45 days. Pkt. 10c.; pt. 30c.; qt. 50c. By Express or Freight, not prepaid, 4 qts. \$1.00; peck \$1.85; bush. \$6.75.

 **PENCIL POD WAX** (see Novelties).—A golden wax-pod, almost perfectly round, similar to a pencil, hence its name. Pkt. 10c.; pt. 30c.; qt. 50c. By Express or Freight, not prepaid, 4 qts. \$1.25; peck \$2.20; bush. \$7.00.

See Novelty pages for other varieties.

DWARF LIMA VARIETIES.

TRUE DWARF LIMA, BURPEE'S.—This is a full-sized Lima borne in full-sized pods developed on plants of dwarf habit—an acquisition. Pods of the usual size and form of the Pole Lima. Vine not over 20 inches high. Plant 4 inches apart in rows 7 feet apart. Pkt. 10c.; pt. 30c.; qt. 50c. By Express or Freight, not prepaid, 4 qts. \$1.25; peck \$2.15; bush. \$6.90.

DREER'S BUSH LIMA.—A dwarf variety of the Dreer's Improved Lima which has been fixed in its character of a bush bean; it is very prolific, single plants often producing from 150 to 200 pods. Pkt. 10c.; pt. 30c.; qt. 50c. By Express or Freight, not prepaid, 4 qts. \$1.25; peck \$2.15; bush. \$6.90.

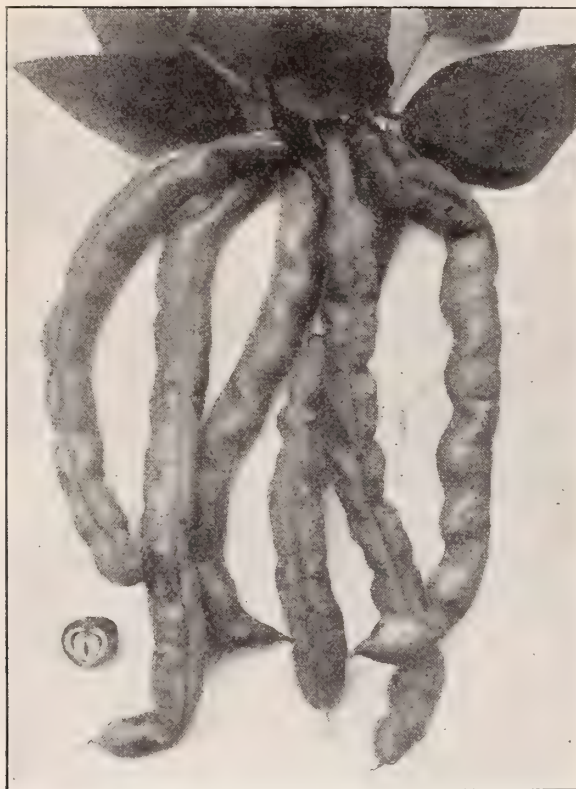
DWARF LIMA, HENDERSON'S.—This Bean, in three distinct colors, was introduced by us four years before it was given the above name. We called it Dwarf Carolina. It is very productive. Pkt. 10c.; pt. 30c.; qt. 50c. By Express or Freight, not prepaid, 4 qts. \$1.05; peck \$1.95; bush. \$7.25.

Pole or Running Beans.

One Quart to 200 Poles or Three Pints of Seed to 100 Yards of Row. Fifteen Quarts to the Acre. Maturing for Table 45 to 90 Days from Germination.

Plant when the Apple is in bloom; set poles 4 by 4 feet; tie up the tendrils as often as necessary. To prevent Bean Poles from blowing down unite them by strong cords or, better, dispense with poles and use wire netting.

CREASEBACK, 45 DAYS.—Earliest Pole Bean in cultivation, exceedingly productive and of fine quality. Pkt. 10c.; pt. 30c.; qt. 50c. By Express or Freight, not prepaid, 4 qts. \$1.25; peck \$2.20; bush. \$7.00.



KENTUCKY WONDER POLE BEANS.

KENTUCKY WONDER.—A large, green-podded, early prolific sort. Tender, solid and stringless, when very young. Pkt. 10c.; pt. 30c.; qt. 50c. By Express or Freight, not prepaid, 4 qts. \$1.20; peck \$2.10; bush. \$6.75.

TENNESSEE WONDER (see Novelties).—Pkt. 10c.; pt. 35c.; qt. 55c. By Express or Freight, not prepaid, 4 qts. \$1.45; peck \$2.60; bush. \$8.75.

SOUTHERN PROLIFIC.—Matures in 60 days from germination. Bearing till frost. Pods borne in clusters. Pkt. 10c.; pt. 25c.; qt. 40c. By Express or Freight, not prepaid, 4 qts. 95c.; peck \$1.65; bush. \$5.25.

MONSTROUS-PODDED SOUTHERN PROLIFIC.—A large-podded variety of the Southern Prolific; much earlier, not so continuous in bearing, quite desirable. Pkt. 10c.; pt. 30c.; qt. 50c. By Express or Freight, not prepaid, 4 qts. \$1.25; peck \$2.20; bush. \$7.00.

RED-SPECKLED, OVAL-SEEDED, CUT-SHORT CORNFIELD.—This is a climbing green-podded Bean, used in the South for planting to Corn, and hence known in some localities as a Cornfield Bean. Pkt. 10c.; pt. 30c.; qt. 50c. By Express or Freight, not prepaid, 4 qts. \$1.25; peck \$2.50; bush. \$7.00.

LAZY WIFE.—Pods 6 to 7 inches long, and borne in clusters. It is so named because of the ease of picking and productiveness of the vine. A rich, luscious variety. Pkt. 10c.; pt. 30c.; qt. 50c. By Express or Freight, not prepaid, 4 qts. \$1.20; peck \$2.00; bush. \$6.50.

WHITE DUTCH OR CASE-KNIFE.—Used either as a snap-short when very young, shelled as the Lima when more largely developed, or for soaking when dry. Pkt. 10c.; pt. 25c.; qt. 45c. By Express or Freight, not prepaid, 4 qts. \$1.00; peck \$1.80; bush. \$5.75.

CAROLINA OR SEWEE, 70 DAYS.—A small variety of Lima, more easy of vegetation, more vigorous in growth, earlier in season, more prolific in pod. Pkt. 10c.; pt. 30c.; qt. 50c. By Express or Freight, not prepaid, 4 qts. \$1.00; peck \$1.85; bush. \$6.75.

TALL GERMAN WAX, BLACK SEED.—A good snap-short. Pods flat, waxy, maturing in 75 days from germination. Pkt. 10c.; pt. 30c.; qt. 50c. By Express or Freight, not prepaid, 4 qts. \$1.25; peck \$2.25; bush. \$7.15.

EXTRA EARLY LARGE JERSEY LIMA.—Matures 90 days from germination. Under favorable conditions four or five days earlier than the Large Lima. Pkt. 10c.; pt. 30c.; qt. 50c. By Express or Freight, not prepaid, 4 qts. \$1.30; peck \$2.30; bush. \$7.25.

LARGE WHITE LIMA.—Smaller seeded than the Jersey, not so strong in vine, nor so large in pod. Otherwise excellent in quality. Pkt. 10c.; pt. 25c.; qt. 45c. By Express or Freight, not prepaid, 4 qts. \$1.05; peck \$1.90; bush. \$6.00.

CHALLENGER LIMA.—A productive pole variety, producing thick pods containing distended seeds of excellent quality for table use. Pkt. 10c.; pt. 30c.; qt. 50c. By Express or Freight, not prepaid, 4 qts. \$1.30; peck \$2.40; bush. \$7.50.

For a real bargain, notice the collection of Vegetables on 4th cover page.

Broccoli.

One Ounce of Seed to 100 Yards of Row.

A plant much resembling the Cauliflower, and like it derived from the wild Cabbage. Broccoli requires a longer season to develop than Cauliflower. It has more numerous and stiffer leaves, and the heads are smaller. The seed is best sown in Midsummer and Autumn, and the plants carried over Winter for cutting in the Spring. Plants ready March 1st, 75c. per 100, mailed. By Express, not prepaid, \$7.00 per 1000.

LARGE EARLY WHITE.—Large white head, resembling Cauliflower. We offer an especially fine strain of Early White Broccoli, and strongly recommend its more general culture. Pkt. 10c.; oz. 40c.; ¼ lb. \$1.25; lb. \$4.00.

PURPLE CAPE.—Head purple in color. Superseded by superior varieties. Pkt. 10c.; oz. 40c.; ¼ lb. \$1.25; lb. \$4.00.

Include a few Begonias, as shown on front cover, in your Seed order.

Think of a bed like one shown in Novelty pages for only 25c.!

Brussels Sprouts.

PARIS IMPROVED.

One Ounce of Seed to 100 Yards of Row.

A variety of the Cabbage family, possessing the peculiarity of bearing upon its stem or stalk from 50 to 100 buds resembling miniature Cabbage heads. The leaves composing these heads resemble Savoy Cabbage in their crumpled texture and also in their color. The heads or buds, from 1 to 2 inches in diameter, form one of the most delicious garden vegetables, only equaled by the Cauliflower. Treat same as Cabbage. Autumn-grown Sprouts, drilled in May and transplanted in July, generally do best, as the plants are quite hardy and the buds mellow under frost. Pkt. 5c.; oz. 15c.; ¼ lb. 45c.; lb. \$1.60. By Express or Freight, not prepaid, lb. \$1.50.

Invite your friends to join you in sending for Seeds which succeed.

Beets or Mangold=Wurzels, For Cattle Feeding.

Five Ounces of Seed to 100 Yards of Row.

A family of Beets bred to a large size for cattle feeding. The roots are easily injured by Autumn frosts, and therefore must be taken up in good time and properly protected. When first harvested they are acrid and scour cattle, but after a few months become palatable and safe. The approved types produce massive roots which, well elevated above the surface, are harvested with the greatest ease and produce double the weight of Turnips to the acre, to which advantage may be added the high nutritive value, the saccharine often being equal to 6 or 7 per cent. of the gross weight. The Mangold is a high feeder—potash and nitrogen are needed to force the plant into vigorous growth; stable manure will do it or kainit mixed with dried meat or fish. Drill when the Cherry is in bloom. **BEET PLANTS.**—Ready March 1st, 60c. per 100, mailed. By Express or Freight, not prepaid, \$1.50 per 1000; \$12.00 for 10,000.

MAMMOTH LONG RED, 120 DAYS.

—In England 80 tons have been grown to the acre. Pkt. 5c.; oz. 10c.; ¼ lb. 15c.; lb. 35c. By Express or Freight, not prepaid, lb. 25c.

GOLDEN TANKARD, 100 DAYS.

—A rapidly maturing root adapted to shallow lands, though doing well on every soil. This form of cattle-feeding Beet, by reason of its small root and top, can be cultivated in close rows and an enormous weight produced to the acre. The root has broad shoulders, smooth, rich, golden skin, solid sugary flesh, and golden footstalk. Pkt. 5c.; oz. 10c.; ¼ lb. 15c.; lb. 40c. By Express or Freight, not prepaid, lb. 30c.



Beets for Table.

Ready for Table 40 to 75 Days from Sowing. Five Ounces of Seed to 100 Yards of Row.

Under a system of horse cultivation drill in rows at 2½ feet apart and thin to 2 inches. If the culture is by hand the rows may be drawn 18 inches apart. The seed may be drilled in the Spring, when the Apple is in bloom. Yield 300 to 500 bushels.

For other varieties, see Novelty pages.

EXTRA EARLY ECLIPSE, 40 DAYS.

—This variety is to a great extent superseding the Egyptian. The bulbs are perfect globes, blood colored, and develop with astonishing rapidity. The foliage is longer and more vigorous than that of the Egyptian. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 70c. By Express or Freight, not prepaid, lb. 60c.

EXTRA EARLY EGYPTIAN TURNIP, 40 DAYS.

—Maturing in an incredibly short time for a Beet, roots for table use developing in forty days from germination. Bulbs half globular, or flattened at the poles; roots very slim, skin smooth, leaves red and green, flesh quite dark. Pkt. 5c.; oz. 10c.; ¼ lb. 15c.; lb. 60c. By Express or Freight, not prepaid, lb. 50c.

CROSBY'S IMPROVED EGYPTIAN.

—A choice form of the Egyptian and consequently very desirable. Thicker in body than the Egyptian, small necked and dark fleshed. Fine for early market. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 75c. By Express or Freight, not prepaid, lb. 65c.

SWISS CHARD OR SILVER BEET.

—Greens for boiling are always acceptable. Spinach cannot always be had, and often is tough and stringy. The Silver Beet, on the other hand, is in season from early Spring to Autumn frost, and is infinitely superior as a table vegetable to Spinach. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 70c. By Express or Freight, not prepaid, lb. 60c.

PHILADELPHIA EARLY TURNIP, 50 DAYS.

—This variety, which we so named and introduced, follows very closely after the Bassano; it is neither red nor white, but has alternate rings of lighter or darker pink. Pkt. 5c.; oz. 10c.; ¼ lb. 15c.; lb. 60c. By Express or Freight, not prepaid, lb. 50c.



MAMMOTH
LONG RED MANGOLD-WURZEL.

BASSANO OR EXTRA EARLY TURNIP, 45 DAYS.

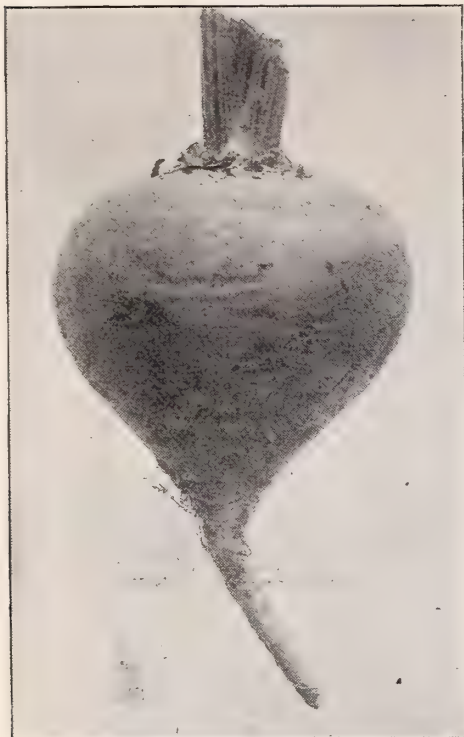
—This is, with the exception of the Egyptian and Eclipse, the earliest sort. It is the first in market of the large-rooted sorts; it is globular, sugary and tender, and by the best judges is considered unexcelled in flavor and delicacy by any variety. Pkt. 5c.; oz. 10c.; ¼ lb. 15c.; lb. 60c. By Express or Freight, not prepaid, lb. 50c.

EARLY BLOOD-RED TURNIP.—Root broad and flat like a Turnip, early in maturity and of unexcelled quality. We recommend it to all gardeners. Pkt. 5c.; oz. 10c.; ¼ lb. 15c.; lb. 60c. By Express or Freight, not prepaid, lb. 50c.

CROSBY'S IMPROVED EGYPTIAN.

BEETS FOR TABLE—Continued.

LANDRETHS' VERY EARLY (for forcing), 50 DAYS.—We do not know of a better early Beet than this. It is nearly as **early** as the Egyptian and **hardier**. Not so dark in flesh, but more firm when boiled or pickled; the **leaf-tops** are remarkably **short and compact**, fitting the variety for **forcing under glass** or **close planting** on the border. A remarkably fine sort and distinct from others. We recommend it most highly. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 70c. By Express or Freight, not prepaid, lb. 60c.



LANDRETHS' FORCING.

LANDRETHS' SCARLET TENNIS-BALL.—This is not Crimson Globe, but a superior sort. The foliage solid red, root maturing for table earlier than Crimson Globe, consequently it is an acquisition of great value. See Novelties. Pkt. 10c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.60. By Express or Freight, not prepaid, lb. \$1.50.

ARLINGTON, First Early.—Globular, blood red, choice. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 85c. By Express or Freight, not prepaid, lb. 75c.

COLUMBIA (Turnip-shaped).—Flesh deep red. Fine quality, smooth skin. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 90c. By Express or Freight, not prepaid, lb. 80c.

LENTZ TURNIP, 48 DAYS.—Very early and desirable. Short leaved. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 75c. By Express or Freight, not prepaid, lb. 65c.

RED TURNIP (Dewing's), 50 DAYS.—The New England form of Red Turnip Beet. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 75c. By Express or Freight, not prepaid, lb. 65c.

DETROIT.—Oval in form, flesh dark blood, skin smooth, leaves small and erect. A most excellent sort. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 80c. By Express or Freight, not prepaid, lb. 70c.

EDMANDS' IMPROVED BLOOD-RED TURNIP.—A deep blood variety, slightly oval in form. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 80c. By Express or Freight, not prepaid, lb. 70c.

LONDON TABLE (see Novelty pages).—Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.50. By Express or Freight, not prepaid, lb. \$1.40.

HALF-LONG BLOOD-RED, 60 DAYS.—Small leaves, half green and red. Very desirable. One of the best. A handsome, wedge-shaped root, growing well under ground; flesh very dark blood-red, skin smooth, habit much earlier in maturity than the old Long Blood and only half its length. Recommended highly to market gardeners as a succession to Turnip-shaped Beets. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 75c. By Express or Freight, not prepaid, lb. 65c.

LONG BLOOD-RED (Very Rich), 62 DAYS.—Resists drought better than any other variety of Beets; color deep red, flesh very sweet. Grows entirely under ground. Ten to twelve tons can be grown to the acre. Valuable for cattle. Keeps well during Winter. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 60c. By Express or Freight, not prepaid, lb. 50c.

HALF-LONG PURPLE (see Novelty pages).—Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 35c.; lb. \$1.25. By Express or Freight, not prepaid, lb. \$1.15.



GROWN ON BLOOMSDALE.

QUERY. What does this mean?

ANSWER. 1st. It means that the Seed is gilt edge, A No.1.

2d. It means that the Seed is pedigree.


3d. It means that the Seed is not inferior to any and far better than offered in other directions by many other houses.

Price of plants of Beets will be found on page 21.

Beets for Sugar-making and Cattle Food.

KLEIN-WANZLEBEN, 60 DAYS.—This is the variety of Sugar Beet which the analytical chemists of the German Beet Sugar Factories have united in recommending as possessing the highest sugar-producing qualities, which scientific investigations have been fully sustained by the practical results of sugar-making in the factories, as much as 18 tons of sugar having been made from 100 tons of roots of this variety. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 40c. By Express or Freight, not prepaid, lb. 30c.

VILMORIN'S IMPROVED, 62 DAYS.—A leading sugar-making sort, doing well on a wide range of soils and exceptionally rich in sugar. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 40c. By Express or Freight, not prepaid, lb. 30c.

Attention is pointedly directed to the varieties marked with a pointer, thus .

WHAT IS A MANURE?

The answer from most people would be that a Manure is the sweepings or refuse from a stable or cow pen, and in that they would be quite right; but their definition would be too circumscribed, as a Manure might be some one of a hundred or more other articles, possessing in whole or in part one or more of those substances used by plants as food.

Stable Manure contains, in varying degrees, three of those necessary simples which, in union with a fourth, make what is termed a complete Manure, and accordingly Stable Manure is always efficient: but except in the vicinity of large cities, it cannot be had in sufficient supply, consequently farmers in remote localities must look elsewhere for a plant food, if they require a large quantity.

Briefly speaking, all crops absolutely require four ingredients to stimulate and sustain them to a perfect growth, those four being Nitrogen, Potash, Phosphoric Acid and Lime. The last being in itself of least importance, but frequently of very great advantage as an alternative of existing soil conditions. Fortunately, farmers situated far removed from city supplies of Stable Manure, can purchase as commercial articles these very same desirable ingredients which the Stable Manure contains.

Nitrogen can be obtained from Nitrate of Soda, Dried Fish or Dried Meat.

Phosphoric Acid, in the form of Phosphate of Lime, Phosphate Slag, Rock Phosphate and Ground Bone.

Potash in the form of Wood Ashes, Muriate of Potash, Sulphate of Potash, Kainit.

These three, the Nitrogen, Phosphoric Acid and Potash, all mixed together form a compound suitable for any crop, though different crops require varying proportions of each ingredient, some plants being known as Potash plants, others as Phosphoric Acid plants.

Commercial Fertilizers are frequently condemned by farmers, because they expect too much from them. They do not hesitate to apply 6 to 12 tons of Stable Manure to an acre, each ton costing from \$1.00 to \$1.50 and labor costing \$4.00 or \$5.00, while when they come to apply Commercial Fertilizers, they sometimes think they are liberal if they are putting on \$8.00 to \$10.00 at comparatively no cost of labor at all.

Commercial Fertilizers applied at the same cost per acre as Stable Manure will always give good results, provided there is sufficient and continuous rainfall to properly solve the materials.

An all-round mixture for an acre of General Crops might be composed of say

Nitrate of Soda	150 pounds
Superphosphate	200 "
Acid Phosphate	300 "

This would cost about \$8.00 to the acre, and can be increased or diminished according to the value of the crop in question.

Cabbage.

No selections of Cabbage are better than offered by us.

Three Ounces of Seed to 100 Yards of Row.



THE OPERATION OF CUTTING CABBAGE AND SHEETING PREPARATORY TO HAULING INTO DRYING BARN3. A FIELD OF ONION SEED IN THE FOREGROUND.

A few simple rules for planting and growing may help many to success where failure has heretofore been the result.

Don't have the soil in the seed-bed as rich as the field to which the Cabbage is transplanted, or the plants will be starved after transplantation.

Don't seed too thickly, or force the growth too rapidly, or the plants will grow too tall, slim and tender, and the growth be more seriously checked by adverse conditions

Root deeply to resist drought. When setting out, plant up to the first leaf-stems.

Supply plenty of moisture and manure.

Don't sow the seed for a whole crop at one time, for plants of different age are differently affected by adverse circumstances, and by division a planter will have a better chance to profit, at least from a part of his crop.

CABBAGE PLANTS.—**Frame.**—Ready December to May; mailed 60c. per 100. By Express or Freight, not prepaid, \$1.50 per 1,000; \$12.00 for 10,000.

Field.—Ready May to December; mailed 50c. per 100. By Express or Freight, not prepaid, \$1.30 per 1,000; \$10.00 for 10,000.

FIRST EARLY VARIETIES.

IMPORTED JERSEY WAKEFIELD.—As generally sold by other seed firms. Pkt. 5c.; oz. 25c.; ¼ lb. 70c.; lb. \$2.40. By Express or Freight, not prepaid, lb. \$2.30.

SELECT VERY EARLY JERSEY WAKEFIELD (see Novelties).—Pkt. 5c.; oz. 25c.; ¼ lb. 80c.; lb. \$2.75. By Express or Freight, not prepaid, lb. \$2.65.

THE CHARLESTON, or LARGE WAKEFIELD.—Large solid heads, of good quality, later than Early Jersey; specially recommended for institutions and market gardeners, producing fully twice as much per acre as the early variety. Pkt. 5c.; oz. 30c.; ¼ lb. 90c.; lb. \$3.00. By Express or Freight, not prepaid, lb. \$2.90.

LOUISVILLE EARLY DRUMHEAD.—A short stem Early Drumhead, possessing every superior quality. Pkt. 5c.; oz. 20c.; ¼ lb. 70c.; lb. \$2.30. By Express or Freight, not prepaid, lb. \$2.20.

EARLY SPRING, 80 DAYS.—Reaching edible size as early as the Wakefield. Head flattish to round, solid, very few outside leaves, short stems. Mild in flavor and fine in texture. A week earlier than Landreths' Summer Flathead, but not so large. Pkt. 5c.; oz. 30c.; ¼ lb. 90c.; lb. \$3.00. By Express or Freight, not prepaid, lb. \$2.90.

LANDRETHS' EARLY SUMMER FLATHEAD, 80 DAYS.—Heads hard and flat, stem short, few outside leaves uniform in character. Average weight four pounds, sometimes six. Market gardeners praise it highly as just the thing wanted to fill the demand for a flathead. A variety which may be planted close. UNQUESTIONABLY THE EARLIEST FLATHEAD CABBAGE IN CULTIVATION. Only a day or two behind the earliest Wakefield. Pkt. 5c.; oz. 25c.; ¼ lb. 80c.; lb. \$2.70. By Express or Freight, not prepaid, lb. \$2.60.

REEDLAND EARLY DRUMHEAD (see Novelties).—Pkt. 5c.; oz. 40c.; ¼ lb. \$1.15; lb. \$3.80. By Express or Freight, not prepaid, lb. \$3.70.

INTERMEDIATE RIPENERS.

WINNIGSTADT.—An old-style, early pointed form, very popular with Germans. Pkt. 5c.; oz. 15c.; ¼ lb. 55c.; lb. \$1.80. By Express or Freight, not prepaid, lb. \$1.70.

LANDRETHS' ALL THE YEAR 'ROUND, 95 DAYS.—Ten days later than the Reedland Early Drumhead. No Cabbage offered as an All-seasons' Cabbage is superior to this, being admirably adapted for Spring, Summer, Autumn or Winter. Without respect to habit or quality, it is the hardiest of Cabbages grown under the variable climatic conditions of Maine, Minnesota, Carolina, Florida, Mississippi or Kansas, being capable, either young or old, of resisting a greater amount of frost than any other, while under the heat and drought of Summer it stands unflagging. Its character is indicated by its leaves, which are dark blue, thick and leathery. The heads solid, sweet, large, flat. The stem short and sturdy. The seed of this sort may be sown successively and continuously in any locality during all periods when Cabbage is drilled. Its name indicates its quality as an all-around or all-seasons' sort. Sold in sealed packages only. Pkt. 5c.; oz. 35c.; ¼ lb. \$1.00; lb. \$3.50. By Express or Freight, not prepaid, lb. \$3.40.

LANDRETHS' FLAT INTERMEDIATE (see Novelties).—Pkt. 10c.; oz. 60c.; ¼ lb. \$1.90; lb. \$6.00. By Express or Freight, not prepaid, lb. \$5.90.

BLOOMSDALE EARLY DRUMHEAD.—In form, from ROUND to FLAT; size large, always SOLID, few extra leaves; rather SHORT IN STEM and WILL STAND WITHOUT BURSTING; such qualities the market gardener can duly appreciate. For a family Cabbage, to succeed the earlier sorts, we commend it UNHESITATINGLY. Sow in Autumn, or in hotbed in Spring. **Don't fail to try this variety.** Pkt. 5c.; oz. 30c.; ¼ lb. 90c.; lb. \$3.05. By Express or Freight, not prepaid, lb. \$2.95.

LANDRETHS' FLAT STANDARD.—Pkt. 10c.; oz. 60c.; ¼ lb. \$1.90; lb. \$6.10. By Express or Freight, not prepaid, lb. \$6.00.

CABBAGE—Continued.

EARLY ALL-HEAD.—A large, deep flathead, succeeding the Jersey Wakefield. Habit compact, dwarf, and long-standing. Pkt. 5c.; oz. 35c.; $\frac{1}{4}$ lb. \$1.10; lb. \$3.60. By Express or Freight, not prepaid, lb. \$3.50.

LONG ISLAND MEDIUM FLAT DUTCH.—A variety for early Winter use. Heads generally flat, large in size, good keeper; a sort desirable for both market and family garden. Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 65c.; lb. \$2.10. By Express or Freight, not prepaid, lb. \$2.00.

SUREHEAD.—A popular strain of the favorite Flat Dutch type of Cabbage so largely grown for Winter use. The heads are large, round, flattened at the top, remarkably uniform, extra hard, firm, and fine in texture. Under ordinary cultivation they weigh from ten to fifteen pounds each. It is the surest-heading and best variety that can be planted. Pkt. 5c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.50. By Express or Freight, not prepaid, lb. \$2.40.

SUCCESION.—Intermediate between the Early Flat Dutch and the Late Flat Dutch, slightly later than the second early sorts and much earlier than the late sorts. Similar to the old Newark Early Flat Dutch. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.35. By Express or Freight, not prepaid, lb. \$3.25.

BLOOMSDALE EARLY DWARF FLAT DUTCH, 95 DAYS.—This variety produces a thick leaf, very dark blue in color. It has succeeded admirably in the Southern States on account of its ability to resist heat. To the market gardener of the Northern and Middle States it will be found of especial value sown in cold frames in October and November, to plant out in the Spring as a succession to the smaller earlier varieties. Every one should have the Bloomsdale Early Dwarf Flat Dutch. Pkt. 5c.; oz. 30c.; $\frac{1}{4}$ lb. 95c.; lb. \$3.10. By Express or Freight, not prepaid, lb. \$3.00.


EARLY BRUNSWICK.—Early for a large flat; very short stemmed. Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 65c.; lb. \$2.20. By Express or Freight, not prepaid, lb. \$2.10.

ALL SEASONS.—Sure header, does not burst nor shoot early; heads deep and flat to roundish, maturing with some irregularity. Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 65c.; lb. \$2.00. By Express or Freight, not prepaid, lb. \$1.90.

For other varieties, see Novelty pages.

LATE VARIETIES.

Large quantities of IMPORTED Cabbage Seed are offered as American at low prices. Our experience is that it is often disappointing in results.

 **MARKET GARDENERS' LARGE LATE FLAT DUTCH.**—For a large, heavy, hard, smooth-leaved, late-ripening Cabbage, no strain is superior and few equal to this. The head is thick, broad, solid and slightly rounded on the top, though the variety is what is termed

a flathead. The leaves extend well over the centre line of the head and fold down alternately, tightly forming a compact head. The natural habit of the seedling plants is to develop thick, short, stocky stems, but this quality is affected by the system of growth, for if the seedlings are crowded in the bed or grown among weeds, or under the shade of a house, fence or tree, they reach upward for air and light, the result being the development of long, slim stalks, which bad form of plants cannot be corrected by any subsequent culture. The seed is worth twice the money asked for it. It is grown upon our own farms, under our own personal daily oversight, and the strain carefully selected to meet the most critical demand. Pkt. 5c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; lb. \$2.95. By Express or Freight, not prepaid, lb. \$2.85.

MARKET GARDENERS' LARGE LATE DRUMHEAD (very choice).—Late, large, hardy, certain to head, and being of heavy weight, quite productive. Not surpassed by any stock under this name. Pkt. 5c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.50. By Express or Freight, not prepaid, lb. \$2.40.

LOW DUTCH.—A large, late form of Late Drumhead. Vigorous in leaf, a big header. Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 55c.; lb. \$1.90. By Express or Freight, not prepaid, lb. \$1.80.

AUTUMN KING.—Heads broad, flat, heavy; earlier than Late Drumhead and more showy. Stems short, few outside leaves, a remarkably fine sort. Pkt. 5c.; oz. 35c.; $\frac{1}{4}$ lb. \$1.10; lb. \$3.60. By Express or Freight, not prepaid, lb. \$3.50.

DANISH BALLHEAD, 120 DAYS.—The best keeping of all Winter sorts. Head round and more solid than any other Cabbage known. Very popular in the Northwestern States. Shiploads of this Cabbage are annually sent to the United States from Holland and Denmark. Pkt. 10c.; oz. 35c.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.40. By Express or Freight, not prepaid, lb. \$3.30.

GREEN GLAZED.—A glossy, pea-green variety, long cultivated in the Southern States, resisting the attack of fleas, bugs and caterpillars better than others. A valuable quality. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.50. By Express or Freight, not prepaid, lb. \$1.40.

RED DUTCH.—Leaves red or purple and exclusively used for pickling. Pkt. 5c.; oz. 25c.; $\frac{1}{4}$ lb. 70c.; lb. \$2.35. By Express or Freight, not prepaid, lb. \$2.25.

DRUMHEAD SAVOY.—A favorite form of Savoy, a small Drumhead, early and desirable in quality. Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 65c.; lb. \$2.00. By Express or Freight, not prepaid, lb. \$1.90.

GREEN CURLED SAVOY.—This is undoubtedly the **FINEST TYPE** of Winter Cabbage. After having been frosted it *boils like marrow*, and is not surpassed even by the Cauliflower in its best condition. The strain is not to be confounded with *low-priced imported seeds*. It is a shy producer of seed, and consequently never plentiful. Pkt. 5c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.60. By Express or Freight, not prepaid, lb. \$2.50.

For other varieties, see Novelty pages. Price of Cabbage Plants see page 23.

Three Ounces of Seed to 100 Yards of Row. Four Pounds to the Acre.

Carrot.

Sixty to Seventy Days from Germination to Maturity for Table.

For domestic use sow when the Apple is in bloom. Drill in rows of fifteen inches for hand culture, or two and a half feet for field culture, and when two inches high thin to four inches apart.



1. Extra Early Forcing. 2. Blunt-Rooted Horn. 3. Pointed-Rooted Horn. 4. Ox-Heart. 5. Orange Danvers. 6. Long Orange. 7. White Belgian.

EXTRA EARLY FRENCH FORCING, 40 DAYS.—We recommend this first early variety to market gardeners, as admirably adapted for **FORCING UNDER GLASS** or in the open ground. It is stump-rooted, orange in color, grows about 2 inches in length. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.10. By Express or Freight, not prepaid, lb. \$1.00.

EARLY SCARLET HORN DUTCH, BLUNT-ROOTED.—Next in maturity after the Forcing. Length 4 to 5 inches. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 25c.; lb. 95c. By Express or Freight, not prepaid, lb. 85c.

EARLY SCARLET HORN ENGLISH, POINTED, 45 DAYS.—Sometimes called "Half-Long," being a long Orange in miniature; quite desirable, growth rapid. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 25c.; lb. 95c. By Express or Freight, not prepaid, lb. 85c.

NEW HALF-LONG WITHOUT CORE.—Orange, smooth in skin, rich in color and without a core. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 25c.; lb. 95c. By Express or Freight, not prepaid, lb. 85c.

OX-HEART.—Diameter of a pint measure, not so long, top-shaped. Color orange-red; tender, flavor excellent. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 25c.; lb. 95c. By Express or Freight, not prepaid, lb. 85c.

LONG-RED CORELESS, 50 DAYS.—Similar in form to the New Half-Long Coreless, but red-fleshed; a very tender and valuable sort for table purposes. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00. By Express or Freight, not prepaid, lb. 90c.

CHANTENAY HALF-LONG SCARLET.—Short, thick, stump-rooted. Orange. Very productive. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00. By Express or Freight, not prepaid, lb. 90c.

NANTES, 58 DAYS.—This is a thick-rooted, Half-Long Orange Carrot. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 25c.; lb. 95c. By Express or Freight, not prepaid, lb. 85c.

ORANGE DANVERS HALF-LONG, 65 DAYS.—Broad shouldered, cylindrical, admirable in color, fixed in habit, a wonderful producer. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 25c.; lb. 90c. By Express or Freight, not prepaid, lb. 80c.

LONG ORANGE.—Twelve to fourteen inches long. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 25c.; lb. 85c. By Express or Freight, not prepaid, lb. 75c.

LARGE WHITE BELGIAN.—This variety yields a larger return than others. To the milkman it is worth more than the cost of culture, promoting a liberal secretion of milk of improved quality over that from dry food, and may be fed alternately with Ruta-Bagas and Beets, with the best results. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 55c. By Express or Freight, not prepaid, lb. 45c.

RUBICON HALF-LONG (see Novelty pages).—Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.50. By Express or Freight, not prepaid, lb. \$1.40.

LOVERS OF CRESS

Should notice the new idea, "Everybody's Cress," on page 29.

Cauliflower.

One-half Ounce of Seed to 100 Yards of Row.

CABBAGE.

Landreths' Flat Intermediate.

Without doubt the best strain of Cabbage ever introduced. The writer has just been examining many fields of various sorts of Cabbage, and no variety half-way comes up to the wonderfully productive qualities of the Intermediate. No price can be too high, as it is a wonder. See page 3.

This delicious plant, like Broccoli and French Artichoke, is distinguished from other table vegetables by producing edible flower heads. By long years of selection and culture of some accidental natural variation of this plant of the Cabbage family discovered in the Middle Ages, the flowers of the Cauliflower have been, to a large extent, rendered abortive, and the flower stems multiplied, shortened and thickened till they have been bred to form a half-globular compact crown or head which, when cooked, is tender as marrow, and the choicest of all esculent vegetables. Varying with climatic and soil conditions, the Seed is sown at all seasons—in hotbeds at close of Winter, out of doors when the Apple is in bloom, again when the Oak is in full leaf, again at Midsummer, and again, during Winter, under glass. The young plants are treated the same as Cabbage, and the larger plants require the same rich fertilization and culture—indeed more intense culture, as only those Cauliflowers are good which are grown quickly. We offer only seed of the highest quality. The early varieties are most likely to succeed in the hands of inexperienced growers. Sow the early sorts in seed beds beginning of Autumn, keep them in a "cold frame," protected by sash from severe frost during the Winter, and transplant into deep and very rich ground as soon as frost ceases. Hand glasses or boxes placed over them at night when they are put out are useful. It should be observed, however, that success is very uncertain in dry localities. In Pennsylvania the Cauliflower seldom heads well unless under glass or in cold frames. But there is little difficulty in having fine Cauliflowers when planted in frames under glass, at close of Winter, so as to advance them ahead of the early Summer heat. The late varieties mature in Autumn, and are sown at the same time and managed similarly to Cabbage. They do best in localities where the atmosphere is damp and saline, as on the coast. We may add that Cauliflower can only be grown on rich, well-tilled, well-watered soil, and that it can hardly be overfed.

PLANTS.—Ready every month in the year, 35c. per doz.; \$1.50 per 100, mailed. By Express or Freight, not prepaid, \$3.25 per 1000.



SNOWBALL CAULIFLOWER.

THE SEED OF

Snowball Cauliflower

Offered for sale by us is not excelled by any strain in the world — no matter whether the price be twice as high or the praise twice as effusive. Pkt. 25c.; $\frac{1}{4}$ oz. 75c.; oz. \$2.50.

EARLY SNOWBALL.—Edible heads 90 to 100 days from planting. Autumn crops are earlier than Spring crops. Twenty to twenty-four heads will fill a barrel. A variety of widest celebrity, by reason of its reliable qualities of productiveness, color, flavor and keeping in condition. Early, good size, pure white, medium length of stalk. Leaves long and narrow. The variety of which most seed is sold. No stock of seed under any name or at any price is better than the strain we offer. Pkt. 25c.; $\frac{1}{4}$ oz. 75c.; oz. \$2.50.

EXTRA EARLY COPENHAGEN, 90 TO 100 DAYS.—No sort better, none earlier, whiter, more solid, more reliable, more productive. We match it against all comers. Pkt. 40c.; $\frac{1}{4}$ oz. 75c.; oz. \$2.60.

SELECT EARLY DWARF ERFURT.—For some years past one of the standards. Of highest excellence, and for field culture not much surpassed by any type of newer name. Some so-called new varieties appear to be identical with Select Erfurt. Pkt. 20c.; $\frac{1}{4}$ oz. 60c.; oz. \$2.00.

EXTRA EARLY PARIS.—One of the earliest varieties in cultivation. Very dwarf; large, white, compact heads, of finest quality. Highly recommended. Pkt. 10c.; $\frac{1}{4}$ oz. 25c.; oz. 75c.

LANDRETHS' RELIABLE, 110 DAYS.—More certain to head than any in the list. Very hardy, foliage stiff and strong; little affected by insects. Color a distinct blue green. Very reliable. Pkt. 25c.; $\frac{1}{4}$ oz. 50c.; oz. \$1.75.

IMPERIAL.—A new and very desirable introduction, medium size, heads compact, pure white, and very showy when well cultivated. Pkt. 20c.; $\frac{1}{4}$ oz. 50c.; oz. \$1.75.

LENORMANDS.—A large, late variety, with well-formed heads of superior quality. Pkt. 10c.; $\frac{1}{4}$ oz. 25c.; oz. 75c.

ALGIERS.—An admirable sort. A favorite with market gardeners. TRY IT. Pkt. 10c.; $\frac{1}{4}$ oz. 25c.; oz. 75c.

VEITCH'S AUTUMN GIANT.—Very vigorous, long stalked, large foliage, heads large, white, firm. Late in development. Pkt. 10c.; $\frac{1}{4}$ oz. 20c.; oz. 60c.

CORA JINA RANCH, TEXAS,
October 11, 1902.

The Rocky Ford Melons raised in our garden from seed bought from your house were the most delicious I ever tasted.

MRS. D. C. OGDEN.

Celery.

I have been sowing your seeds for over fifty years and like them better than any others.

Granger Co., Tenn.

THOS. TOMLINSON.

Three Ounces of Seed to 100 Yards of Row.

Maturing in 120 to 150 Days, According to Season and Location.

Sow when the Apple is in bloom, on a finely raked surface, and cover scarcely at all, quite early in the Spring, in a moist place or convenient to water, which apply freely in dry weather. When the plants are four inches, more or less, in height, transplant a portion into very shallow trenches formed in well-manured land, which planting repeat at intervals of two or three weeks for a succession, until the necessary quantity is set out.

CELERY PLANTS.—Every month in the year, 40c. per 100, mailed; for transplanting, 30c. per 100, mailed. By Express or Freight, not prepaid, \$1.50 per 1000; \$12.00 for 10,000; by Express or Freight, not prepaid, for transplanting, \$1.25 per 1000; \$4.00 for 5000.



The illustration above represents two varieties and two styles of preparing for market. The short-stalked sort is the Paris Golden, prepared in fan-like form and very attractive.

The tall sort is the Giant Pascal, tied up by aid of a bunching machine—a device on the general plan of an Asparagus buncher, the package being made exactly square and the stalks pressed so tightly together as to make a solid and heavy bundle.

WHITE PLUME, 100 DAYS.—Self-blanching to a great extent. Consequently among the earliest ready for table. Desirable as an early sort. Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 65c.; lb. \$2.00. By Express or Freight, not prepaid, lb. \$1.90.

GOLDEN DWARF.—A showy sort of excellent qualities. SOLID, of FINE FLAVOR, and a GOOD KEEPER, and, as its name indicates, possessing, when blanched, a yellowish or golden tint. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.60. By Express or Freight, not prepaid, lb. \$1.50.

BOSTON MARKET.—A short, white variety, much esteemed in the New England States. Unquestionably one of the best. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.50. By Express or Freight, not prepaid, lb. \$1.40.

PARIS GOLDEN YELLOW, OR GOLDEN SELF-BLANCHING, 110 DAYS.—A large solid golden variety, very showy and rich. Very easily blanched, consequently early. Pkt. 5c.; oz. 40c.; $\frac{1}{4}$ lb. \$1.10; lb., \$3.75. By Express or Freight, not prepaid, lb. \$3.65.

PINK PLUME, NEW, 110 DAYS.—The same quality as White Plume, the stalk beautifully tinged with pink. Very ornamental. Don't fail to get it. Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 65c.; lb. \$2.00. By Express or Freight, not prepaid, lb. \$1.90.

GIANT PASCAL, 120 DAYS.—A mammoth, silver-white stalked variety of French origin, rapidly growing in favor because of its weighty productiveness and consequent profitableness. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 55c.; lb. \$1.75. By Express or Freight, not prepaid, lb. \$1.65.

SCHUMACHER, 120 DAYS.—Of large size, solid and crisp; firm, golden yellow heart; a fine keeper. Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 65c.; lb. \$2.25. By Express or Freight, not prepaid, lb. \$2.15.

HARTWELL PERFECTION.—A desirable form of white, solid habit. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.60. By Express or Freight, not prepaid, lb. \$1.50.

CELERIAC, OR TURNIP-ROOTED.—A variety forming a large, solid root, of edible character. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.50. By Express or Freight, not prepaid, lb. \$1.40.

YORK CO., MAINE.

MRS. HURBURN E. BOURNE

Writes—I received this noon seeds and plants which looked as bright and fresh as though they had that moment been taken up.

Collards.

ST. JOS. CO., MICH., July 14, 1902.

D. LANDRETH & SONS.

Gentlemen—My flowers were the wonder and admiration of the whole town. The minute one of my friends, an old customer of yours, saw them she said, I know those came from Mr. Vick.

Very truly yours,
MRS. BURROWS.

One Ounce of Seed to 100 Yards of Row.

A loose-leaved plant of the Cabbage family. A hardy and excellent vegetable for Winter use. The Collard succeeds in localities where it is often difficult to grow Cabbage to perfection. Sow and treat precisely as Cabbage.



PINK HEART.—Never yet offered by any one but Landreth.

Lower leaves green, veins bone-white, inside leaves ivory-white, heart leaves pink and purple. Absolutely unique. Worthy of culture in the best garden by reason of its peculiar markings, and also by reason of its delicious quality, being the most tender of all Collards, almost equal to Cauliflower. Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.95. By Express or Freight, not prepaid, lb. \$1.85.

GEORGIA, OR SOUTHERN.—Cabbage greens. Its robust and vigorous

character fits it to resist conditions unfavorable to the perfection of more highly developed types of the Cabbage family, and it is, therefore, at some seasons, in the Southern States, the only available form of Cabbage. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00. By Express or Freight, not prepaid, lb. 90c.

BUNCOMBE.—A strain used largely in Georgia and the Carolinas, because considered best adapted to those soils and climates and the fancy of those localities. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.60. By Express or Freight, not prepaid, lb. \$1.50.

Corn.

One Quart of Seed to 100 Yards of Row. Ten Quarts to the Acre. 120 to 140 Days from Planting to Cutting.

Table Corn cannot be planted successfully at an earlier date than the ordinary field varieties; indeed it is more likely to decay under unfavorable soil conditions than the hardier field varieties. As a rule, Sugar Corn is not as vital as the field sorts, and therefore it is wise to plant almost a double number of grains in the hill as compared with Field Corn.

When the Cherry is in bloom, hills for the short varieties of 3 and 4 feet in height may be made 3 by 3 feet apart; for the intermediate varieties, 3 by 4 feet; and for the tall varieties, 4 by 4 feet apart. In all cases allowing 3 stalks to stand to the hill.

Repetitions of Corn planting should be made every 2 weeks, and for the quick ripening varieties the planting may be continued until within 60 days of frost. Seed should be provided at the rate of 10 quarts to the acre. We always provide that much, though often only planting 6 or 7 quarts. The plants thinned out to 3 in a hill.

Of the medium and larger varieties of Sugar Corn 75 to 80 bushels, or 8000 to 9000 roasting ears, can be had to the acre.

The average price paid by Philadelphia Commission Merchants is \$1.00 per bushel. The highest price is about \$3.00 per bushel and the lowest price about 60 cents per bushel. Green Corn packed loosely in slatted bushel baskets will, in early season, carry safely for 40 hours. In larger packages it may become injured by heating.

CAUTION.—Seed Corn in bulk should be taken out of the bags as soon as received and spread out in a dry place.

Field Corn.

LANDRETHS SOUTHERN PROLIFIC, 100 DAYS.—A mammoth-stalked, yet very early ripener, cutting for the shock in 100 days from germination. Grain large, light yellow, cob small, generally 2 ears on a stalk. Very valuable for culture in the South, because of hardening before the coming of the weevil moth. Pkt. 10c.; pt. 15c.; qt. 25c. By Express or Freight, not prepaid, 4 qts. 35c.; peck 65c.; bush. \$2.00.

PENNSYLVANIA LONG EARLY YELLOW FLINT.—Long narrow ears; grain reddish-yellow and flinty; a productive Field Corn, quite early. Pkt. 10c.; pt. 15c.; qt. 25c. By Express or Freight, not prepaid, 4 qts. 35c.; peck 65c.; bush. \$2.00.

GOLDEN DENT (Showy).—Named from the bright color of the indented grain; a prolific variety. Pkt. 10c.; pt. 15c.; qt. 25c. By Express or Freight, not prepaid, 4 qts. 35c.; peck 65c.; bush. \$2.00.

GOLDEN BEAUTY.—Ear larger than ordinary; grain broad, half-flint and a rich golden. Very productive. Pkt. 10c.; pt. 15c.; qt. 25c. By Express or Freight, not prepaid, 4 qts. 35c.; peck 65c.; bush. \$2.00.

LANDRETHS' LARGE WHITE FLINT, 120 DAYS.—Long slim ears, covered with pure white, flinty grains. The best sort for hominy. Pkt. 10c.; pt. 15c.; qt. 25c. By Express or Freight, not prepaid, 4 qts. 35c.; peck 65c.; bush. \$2.00.

SOUTHERN WHITE GOURD SEED.—A very showy variety; large grain and snowy-white. Admirable for meal. Only offered for Southern culture. Pkt. 10c.; pt. 15c.; qt. 25c. By Express or Freight, not prepaid, 4 qts. 35c.; peck 65c.; bush. \$2.00.

WHITE SHEEP TOOTH.—Strong in foliage, grain long and narrow, used for ensilage and for meal. Pkt. 10c.; pt. 15c.; qt. 25c. By Express or Freight, not prepaid, 4 qts. 35c.; peck 60c.; bush. \$1.95.

OLD CABIN HOME, OR HICKORY KING.—A thick-eared Southern type of white Corn, with enormously deep and broad grain and extraordinarily slim cob. Remarkably fine for meal. Pkt. 10c.; pt. 20c.; qt. 30c. By Express or Freight, not prepaid, 4 qts. 50c.; peck 75c.; bush. \$2.50.

POP-CORN (for the Boys' Gardens).—Ordinary. Shelled. Pkt. 10c.; pt. 18c.; qt. 30c.

POP-CORN.—Rice. Shelled. Pkt. 10c.; pt. 20c.; qt. 35c.

There was shown by the Department of Agriculture of North Carolina, at the Charleston Exposition, a large picture in water colors of Peas, grown last year by Mr. Lewis Grady, of Kingston, North Carolina, made from a photograph taken while the Peas were in growth.

Mr. Grady, who is an old Confederate soldier, last year put in his spare moments raising Peas and Beans in his garden of an eighth of an acre. He laid off the rows 4 feet apart, using one sack of Hycor Fertilizer, and on the 22d of January planted Champion of England Peas, Marrowfats and Melting Sugar. The Peas, trained to trellises, grew to a height of 8 or 10 feet, and people from afar came to see his crop. After supplying his family of five and giving away quite a quantity, he sold \$30.00 worth of Peas from his eighth-acre patch.

The Peas were all purchased from David Landreth & Sons, Seed Merchants, Philadelphia, Pennsylvania, by the Rev. B. W. Spillman.

Sweet Garden Corn.

Not True Sugar.

EXTRA EARLY ADAMS.—Ready for table 62 days after germination. Height of stalk 3 to 4 feet, ears set within six inches of the ground. Not a Sugar Corn, but a decided acquisition so very early in the season. Requires good culture and LAND OF HIGH FERTILITY. A variety in large demand among market gardeners. Plant in rows at 2½ feet and thin to 1 foot. Pkt. 10c.; pt. 20c.; qt. 30c. By Express or Freight, not prepaid, 4 qts. 60c.; peck \$1.00; bush. \$3.50.

ADAMS EARLY.—A white Corn, in order of maturity after the Extra Early Adams. Pkt. 10c.; pt. 20c.; qt. 30c. By Express or Freight, not prepaid, 4 qts. 55c.; peck 90c.; bush. \$2.90.

EARLY LANDRETH MARKET, 80 DAYS.—Not a true Sugar Corn, but a hybrid or mixture between a Sugar Corn and the Adams Early, and cultivated on large areas and almost exclusively by market gardeners of Burlington County, N. J., experience proving the sort to be more reliable than any other variety. The ear, when in proper condition for the table, resembles a good variety of Sugar Corn, and has the peculiarity of bearing a small leaf on the ear, similar to those of the stalk, which appendage sets it off to advantage. This variety will mature ears for market in about 80 days from germination. The stalk is quite leafy and grows to a height of 6 feet. A very profitable sort as a money maker. Plant in rows at 4 feet and thin to 2 feet. Pkt. 10c.; pt. 25c.; qt. 40c. By Express or Freight, not prepaid, 4 qts. 65c.; peck \$1.15; bush. \$4.35.

Sugar Corn.

Extra Early Sorts.

LANDRETHS' EARLIEST TABLE (see Novelties).—Pkt. 10c.; pt. 25c.; qt. 45c. By Express or Freight, not prepaid, 4 qts. \$1.05; peck \$1.90; bush. \$6.00.

EXTRA EARLY MINNESOTA SUGAR.—Among the Extra Early Sugar Corns, coming into condition two or three days subsequent to the Corey. Ears well made out. Pkt. 10c.; pt. 20c.; qt. 35c. By Express or Freight, not prepaid, 4 qts. 70c.; peck \$1.20; bush. \$3.75.

COSMOPOLITAN (see Novelties).—Pkt. 10c.; pt. 25c.; qt. 40c. By Express or Freight, not prepaid, 4 qts. 90c.; peck \$1.55; bush. \$5.00.

METROPOLITAN (see Novelties).—Pkt. 10c.; pt. 25c.; qt. 40c. By Express or Freight, not prepaid, 4 qts. 90c.; peck \$1.55; bush. \$5.00.

EXTRA EARLY CROSBY SUGAR.—This variety will produce edible ears in 70 days from germination. It is stronger than any of the preceding. Pkt. 10c.; pt. 25c.; qt. 40c. By Express or Freight, not prepaid, 4 qts. 70c.; peck \$1.20; bush. \$3.90.

MAMMOTH WHITE COREY, 70 DAYS.—A large development of the White Corey type. Very early for its size. An acquisition. Pkt. 10c.; pt. 25c.; qt. 40c. By Express or Freight, not prepaid, 4 qts. 80c.; peck \$1.40; bush. \$4.50.

BOYS!

Why not grow your own

POP-CORN


for another Winter?

CORN—Continued.

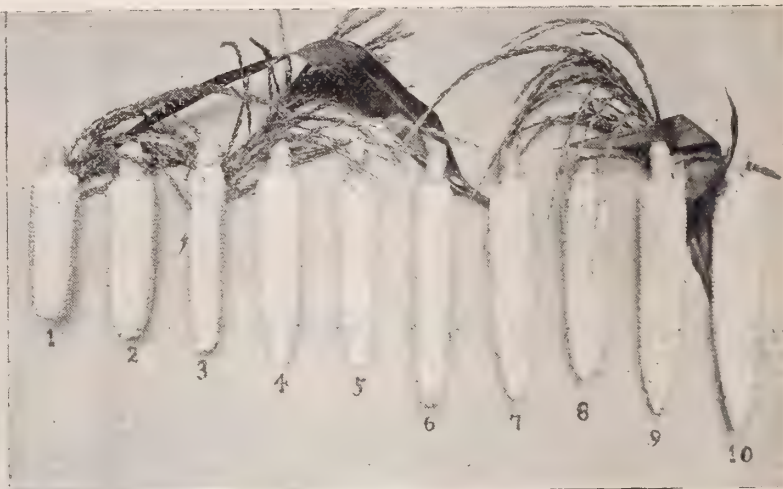
EARLY SORTS.

COUNTRY GENTLEMAN, 70 DAYS.—A short-stalked, productive sort, frequently producing 3 ears to the plant. Ears large for so small a stalk; grain narrow and very deep, after form of shoe-peg. Highly recommended as one of the very best. Pkt. 10c.; pt. 25c.; qt. 40c. By Express or Freight, not prepaid, 4 qts. 75c.; peck \$1.25; bush. \$4.25.

INTERMEDIATE SORTS.

 **LANDRETH'S SUGAR** (see Novelties).—Pkt. 10c.; pt. 25c.; qt. 40c. By Express or Freight, not prepaid, 4 qts. 80c.; peck \$1.40; bush. \$4.50.

IMPROVED TRIUMPH—Very superior to the old Triumph. Pkt. 10c.; pt. 20c.; qt. 35c. By Express or Freight, not prepaid, 4 qts. 55c.; peck \$1.00; bush. \$3.75.



PERRY'S HYBRID, 75 DAYS.—An early variety and productive, producing a large ear set with large grains. Pkt. 10c.; pt. 20c.; qt. 30c. By Express or Freight, not prepaid, 4 qts. 55c.; peck 95c.; bush. \$3.50.

EARLY MAMMOTH.—The earliest long slim ear among the very desirable sorts. Pkt. 10c.; pt. 25c.; qt. 40c. By Express or Freight, not prepaid, 4 qts. 70c.; peck \$1.15; bush. \$4.25.

ZIGZAG EVERGREEN, 78 DAYS.—An early variety bearing exceedingly long ears. Stalk short and slender. Early in maturity for so large an ear, showy and highly recommended. TRY IT. Pkt. 10c.; pt. 20c.; qt. 30c. By Express or Freight, not prepaid, 4 qts. 55c.; peck 9 c.; bush. \$3.50.

EVERGREEN SUGAR (Stowell's).—A favorite variety among the late Sugar Corns. Matures for table about 80 days from germination. Pkt. 10c.; pt. 20c.; qt. 30c. By Express or Freight, not prepaid, 4 qts. 55c.; peck 95c.; bush. \$3.00.

LATE SORTS.

EGYPTIAN SUGAR, 90 DAYS.—Sweet and large in ear, vigorous in stalk, habit late. Pkt. 10c.; pt. 20c.; qt. 35c. By Express or Freight, not prepaid, 4 qts. 70c.; peck \$1.20; bush. \$3.75.

LATE MAMMOTH SUGAR.—The strongest growing of all Sugar Corns. It requires about 85 days to reach maturity for table. The ears are very large and showy. Pkt. 10c.; pt. 20c.; qt. 35c. By Express or Freight, not prepaid, 4 qts. 70c.; peck \$1.20; bush. \$3.75.

- | | | | |
|-------------------------|-------------------------|-------------------|----------------------|
| 1. Extra Early Beverly. | 2. Extra Early Adams. | 3. Crosby Sugar. | 4. Asylum Sugar. |
| 5. Hickox Sugar. | 6. Early Mammoth Sugar. | 7. Triumph Sugar. | 8. Landreth's Sugar. |
| 9. Evergreen Sugar. | 10. Late Mammoth Sugar. | | |

KAFFIR CORN.

Kaffir Corn belongs to the non-saccharine group of sorghums, and in its habit of growth is very similar to the common sorghum or cane. The plant is short-jointed and leafy. It is the greatest dry-weather-resisting crop that can be grown in this section. When dry weather comes it does not die, but simply stops growing until rain does come and then continues its growth. It will average a larger crop of grain than Corn, and the fodder is much superior to Corn fodder, as it remains green until after the seed is ripe. The grain is equal to Corn for feeding, and all classes of stock eat it readily. Grinding is not necessary. A mixture of four-fifths Kaffir Corn and one-fifth Soy Beans is a perfect feed for hogs. At the Kansas Experiment Station a lot of hogs, fed on Kaffir Corn alone, made an average gain of 44 1-10th pounds per head in 50 days. When fed four-fifths Kaffir Corn and one-fifth Soy Beans they gained 86 6-10ths pounds per head in 50 days.

For grain the seed should be planted in rows and cultivated like Corn. This will require about 10 pounds per acre. For fodder one-half to two bushels should be sown, and the crop cut for hay when the seed is in the dough. 20c. per lb., mailed; 10c. per lb. by Express or Freight, not prepaid.

Corn Salad.

Eight Ounces of Seed to 100 Yards of Row.

Sow broadcast or in ten-inch rows in Autumn for cutting at close of Winter, or sow at close of Winter for early Spring use. When sown in Autumn cover very lightly with the lightest hay—the merest protection more will be injurious.

BROAD LEAVED (Large Seeded).—Used as a small Salad throughout the Winter and Spring. Sow thickly in drills, cover slightly first of Autumn, and sprinkle with straw on the approach of severe weather, or sow in a cold frame, covered in Winter as may be convenient—thus it is accessible even when deep snow prevails. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 60c. By Express or Freight, not prepaid, lb. 50c.

Cress.

This is used as a Salad. It should be sown at close of Winter broadcast, or in rows at 10 inches, and the sowing repeated every two weeks.

CURLED.—Used for flavoring and as a Salad. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 60c. By Express or Freight, not prepaid, lb. 50c.

BROAD LEAVED.—A form of Salad much used abroad. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00. By Express or Freight, not prepaid, lb. 90c.

WATER.—A favorite dressing for dishes and a desirable form of Greens. Pkt. 10c.; oz. 35c.; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50. By Express or Freight, not prepaid, lb. \$3.40.

EVERYBODY'S CRESS.

Twenty Cents per Packet.

Can be grown by any one in a window box, either inside or outside of the house. The box may be, for example, 3 feet long by 1 foot wide and 3 inches deep, filled with good earth. Before sowing, dampen the whole body of the earth, but do not soak the soil: then sow to a box of dimensions indicated the seed in the packet, distributing so closely that they almost touch each other, and with a flat piece of board press the seed gently into the damp surface, then cover the surface with a piece of paper till the seeds are $\frac{1}{2}$ inch high. The seed will sprout in three days, and the young plants, standing thick as possible, will be ready to cut and eat in two weeks, when they will be about 3 inches high. Cut them with scissors, close to the ground.

With three boxes, sown at intervals of a week, a constant succession of most palatable Green Cress can be assured to everybody.

Cucumber.

Four Ounces of Seed to 100 Yards of Row. Three Pounds to the Acre. Period of Maturity 40 to 60 Days from Sowing, According to Variety and Season of the Year.

For early use plant in hills 4 x 4 feet, on a warm border, when the Cherry is in bloom, and for a succession sow in drills at 5 feet, when the Apple is in bloom. For pickles plant middle of Summer.

In Florida and other Southern States, a fair average production per acre of slicing Cucumbers is 200 crates, 8 x 14 x 20 inches. Some growers claim average crops of 400 and 500—even 800 crates have been recorded, but these large yields are only occasionally heard of.

Fresh Southern Cucumbers appear in Philadelphia the last of November and command \$1.00 to \$2.00 per dozen. Towards Christmas the price rises to \$2.50 per dozen, after which the price declines to \$4.00 or \$5.00 per box of 85 to 90 fruit. By last of May the price goes down to \$1.00 per dozen, after which shipments are unprofitable. As a rule the early Cucumbers from New Orleans bring better prices than those from Florida, being better sorted and better packed.

A good crop of Cucumbers, when gathered of pickling size, produces




WHITE SPINE.


from 100 to 175 bushels to the acre. A bushel contains about 200 pickles. Some cultivators have claimed to produce over 100,000 pickles to the acre. The pickles should be slipped from the vine by the thumb and finger without raising or disturbing the vine. The pickle houses generally pay the farmers 40 to 50 cents per bushel; they in turn sell them at from 20 to 30 cents per 100.

Pickles properly prepared will keep five or six years. The method of salting pickles as pursued in New Jersey is as follows: To a cask of 120 gallons' capacity, take 4 quarts of salt and mix in 2 gallons of water. Place the solution in the bottom of the cask and put in the green pickles after washing. To each 2 bushels of pickles put into the cask, add 4 quarts of salt, and continue until cask is full. Place the head of the cask, with edges trimmed off to permit of a rise and fall, on the top of the pickles, and on the top of the head or lid place a weight of 20 or 25 pounds. If there should be any leakage of the liquor, replace it by a solution of 4 quarts of salt to 2 gallons of water, keeping all the pickles submerged. Salt should not be stinted. Pickle packers make three sizes before pickling—large, medium and small.

Never before was the crop of Cucumber Seed so limited in supply.

 **LANDRETHS' LONG SLIM PICKLE** (see Novelties).—Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; lb. \$3.00. By Express or Freight, not prepaid, lb. \$2.90.

 **JAPANESE** (see Novelties).—Pkt. 5c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.50. By Express or Freight, not prepaid, lb. \$2.40.

 **LANDRETHS' FIRST, 50 DAYS.**—Surpassed by few in length and slimmess of fruit. The earliest long, slim field Cucumber in cultivation, maturing to slicing size for table in 50 days from germination; dark green, and desirable. Very poor seeder. Pkt. 5c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.50. By Express or Freight, not prepaid, lb. \$2.40.

LANDRETHS' CHOICE (Extra Early), 60 DAYS.—The choicest medium sort we have ever offered, green, good length, slim, symmetrical, unexamined in beauty of form, very productive, fine for pickling. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; lb. \$3.00. By Express or Freight, not prepaid, lb. \$2.90.

SHORT PROLIFIC PICKLE.—A variety of the "Frame" type, but smaller and producing fruit suitable for pickling in 50 days from planting. An abundant bearer, highly commended for pickles, for which it is used by many of the most famous pickling establishments. Vines very short, admitting of planting in rows as close as $2\frac{1}{2}$ feet. Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 55c.; lb. \$1.85. By Express or Freight, not prepaid, lb. \$1.75.

IMPROVED EARLY WHITE SPINE, 60 DAYS.—The leading sort grown by truckers for shipment to market. Used almost entirely for slicing. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.70. By Express or Freight, not prepaid, lb. \$1.60.

ARLINGTON WHITE SPINE.—An improvement on the White Spine as ordinarily sold, being longer. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.70. By Express or Freight, not prepaid, lb. \$1.60.

EMERALD.—Decidedly an acquisition because of its deep green color, which it retains unchanged for a week after picking, thus fitting it for shipping long distances. In size it is larger and slimmer than White Spine. The fruit is cylindrical, smooth, free from wart, and bears brown spines. A profuse bloomer, foliage small and proof against sunburn. Sixty days. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.70. By Express or Freight, not prepaid, lb. \$1.60.

EARLY FRAME.—Short vine. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.50. By Express or Freight, not prepaid, lb. \$1.40.

JERSEY PICKLE, 60 DAYS TO MAKE PICKLES.—It is productive, and is said to "green" better than any other variety, and to "hold color." Early Spring sowings will develop fruit of pickling size, 2 to 3 inches long, in 60 days; early Summer sowings in 30 days. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.70. By Express or Freight, not prepaid, lb. \$1.60.

TURKEY LONG GREEN, 80 DAYS TO REACH EDIBLE SIZE.—Not so abundant a bearer as the preceding sorts, though recommended to all who put up their own pickles; fruit LONG and SLIM; only surpassed in quality by Landreth's First. This is *not* the New England Long Green, but a MUCH SUPERIOR SORT, being twice as long. Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 65c.; lb. \$2.00. By Express or Freight, not prepaid, lb. \$1.90.

LONG GHERKIN (see Novelties).—Pkt. 5c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.50. By Express or Freight, not prepaid, lb. \$2.40.

GHERKIN.—Burr, or Round Prickly Cucumber, used for pickles only. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 55c.; lb. \$1.70. By Express or Freight, not prepaid, lb. \$1.60.

LANDRETHS' WHITE SPINE (see Novelties).—Pkt. 5c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.50. By Express or Freight, not prepaid, lb. \$2.40.

Dandelion.

CABBAGING, 50 DAYS.—An improved type of an old-fashioned plant rapidly growing into favor as an early Salad. Sow and cultivate same as Lettuce. Tie up the same as Cos Lettuce, or shelter from light by inverted pots or board covering. The Dandelion is a preventive of malarial infection and is recommended for domestic use in localities where chills and fever prevail. Pkt. 5c.; oz. 90c.

FRENCH GARDEN, 45 DAYS.—A good sort, but not so strong in growth as the Cabbaging, not so erect, leaves broader, less curly, and not so vivid a green. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; lb. \$2.90. By Express or Freight, not prepaid, lb. \$2.80.

Egg-Plant.

One Ounce of Seed to 100 Yards of Row. Matures for Table in 120 Days from Sowing.


This seed is generally sown under glass and transplanted to the field 2 or 3 weeks after Corn-planting season. The plants are set in rows of 5 feet and at 3 feet in the row. The land cannot be too highly fertilized for this crop—very short, thoroughly rotted stable manure or similar preparation is best; strong or hot, rank manure is unsuitable.

Sow in hotbeds or other protected place early in the Spring; when up 2 or 3 inches transplant into small pots (which plunge in earth) so as to get stocky, well-rooted plants, and late in the Spring, or not till the commencement of Summer, unless the weather be warm, transplant into thoroughly worked, rich and recently well-manured ground. A good plan is to open a deep, wide trench, filling it nearly with manure; restore the earth and plant therein, placing the plants 3 feet apart each way. The seed does not vegetate freely; repeated sowings are sometimes necessary. It is almost useless to attempt the culture of Egg-Plant unless the proper attention be given. In growing the Egg-Plant in the Summer and Autumn months in Florida, great trouble is sometimes experienced in getting a stand of plants owing to the excessive heat and beating rains. This difficulty can be largely overcome by shading the ground where the seed is sown. If sown in beds the shading may be accomplished by means of frames covered with seed-bed cloth, or by blinds of slats or common boards properly supported over the beds to cut off the direct rays of the sun. In Florida, if the seed is sown where the plants are to remain (a bad practice), the shading may be done by using Palmetto fans and leaves, placing them one each on the north and south sides of the hill, the tops meeting over the seed. This plan is used by some of the most successful growers in the Gulf States.

About 3000 plants are required to plant an acre. These plants should produce an average of 3 to 4 fruits, weighing 2 to 3 pounds each. Our selected seeds are always taken from fruit weighing 8 to 10 pounds each; we have had them of 13 pounds in weight. Commission Merchants in Philadelphia pay the market gardener about, on an average, 1½ cents per fruit. The highest prices are 8 and 10 cents per fruit.

Florida fruit arrives in Philadelphia the latter part of November and commands \$6.00 to \$8.00 per barrel crate. Earlier in the Autumn the market is supplied by fruit from Jersey. Toward Christmas the price of Florida Egg-Plant rises to \$10.00 per barrel crate and then declines by April to \$6.00 to \$8.00, and by May to \$5.00, after which they are likely to arrive in a damaged condition and be worthless. Egg-Plant fruit can be grated and canned for Winter use.

PLANTS.—For Transplanting.—Ready February 1st., 60c. per 100, mailed. By Express, not prepaid, \$3.00 per 1000; \$20.00 for 10,000. **Pot Grown.**—60c. per doz.; \$3.00 per 100, mailed.

 **LANDRETHS' THORNLESS LARGE ROUND PURPLE, 120 DAYS.**—Almost thornless, and therefore a sort more valuable to the trucker than the spiny sort so often sold as the New York Improved, which by reason of its thorns on leaf and stem offers serious impediments to quick gathering. The Landreth is decidedly the best selection of Egg-Plant, being productive and vigorous, often reaching a weight of 12 pounds. The fruit may be described as short, egg-shaped, flattened at the bottom—diameter often nearly equal to the length. Color (when grown on soil of proper quality) a deep purple, running in places almost to a black purple. Single plants of this variety often reach a span of 3 feet, and produce 7 or 8 large fruits. Pkt. 5c.; oz. 40c.; ¼ lb. \$1.20; lb. \$3.90. By Express or Freight, not prepaid, lb. \$3.80.

NEW YORK IMPROVED.—This is a form of the old Large Round Purple; large, solid, weighty and showy. Pkt. 5c.; oz. 30c.; ¼ lb. 90c.; lb. \$3.00. By Express or Freight, not prepaid, lb. \$2.90.

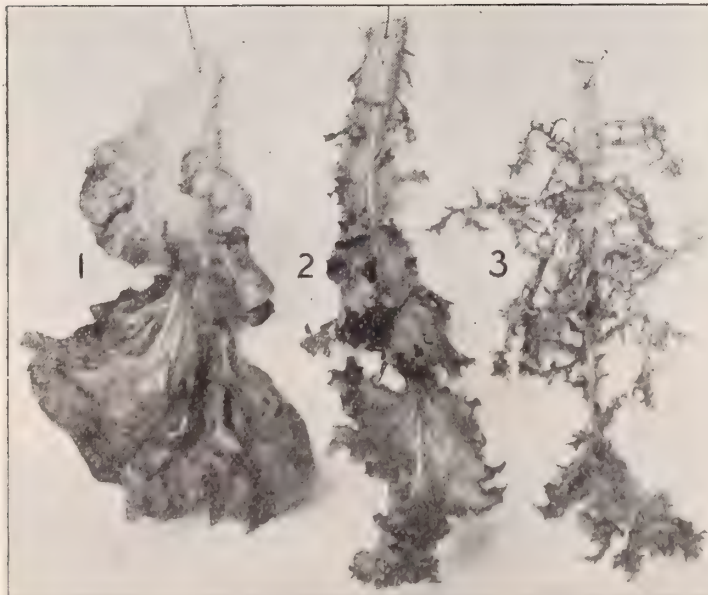
LARGE ROUND BLACK (see Novelty pages) —Pkt. 15c.

TREE EGG-PLANT (see Novelty pages).—Pkt. 25c.; oz. \$1.00.



LANDRETHS' THORNLESS LARGE ROUND PURPLE EGG-PLANT.

Endive. Two Ounces of Seed to 100 Yards of Row. Three Pounds to the Acre.



SINGLE LEAVES OF ENDIVE.

1. Broad Leaved. 2. Green Curled. 3. Moss Curled.

Sow in the Spring as soon as the earth is free from frost, and repeat to within sixty days of Autumn frost. Drill in rows of 2 feet and thin the plants to 8 inches apart. Tie up the loose leaves or cover with pots to blanch for Salad. Valuable for Salads and highly decorative as a garnish to table vegetables.

LARGE GREEN CURLED.—A desirable Salad when blanched. Popular as a garnish. Pkt. 5c.; oz. 15c.; ¼ lb. 50c.; lb. \$1.60. By Express or Freight, not prepaid, lb. \$1.50.

WHITE CURLED.—A variety of white tint. Pkt. 5c.; oz. 15c.; ¼ lb. 45c.; lb. \$1.50. By Express or Freight, not prepaid, lb. \$1.40.

MOSS CURLED.—Green and extra curled. Pkt. 5c.; oz. 20c.; ¼ lb. 65c.; lb. \$2.20. By Express or Freight, not prepaid, lb. \$2.10.

BROAD LEAVED.—Foliage broad and flat. Most productive. Pkt. 5c.; oz. 10c.; ¼ lb. 3c.; lb. \$1.25. By Express or Freight, not prepaid, lb. \$1.15.

MESSRS:—

Those plants you sent me arrived in good condition, green and nice. I planted them and they did not even wilt, and we are very much pleased with them and probably shall want more.

Enclosed please find Express Order.

Yours with respect,

REV. L. HILL,

May 6, 1902.

Broome Co., N. Y.

MERIT IN SEEDS

is not indicated by the price. Certainly cheap prices immediately condemn Seeds, but even high prices do not always indicate high quality.

The best reliance as to MERIT is in the REPUTATION of the SEED HOUSE.

Herbs.

These impart a strong, spicy taste and odor, and are used in various culinary operations. Those marked with an * are perennial, and when once obtained may be preserved for years. Of such sow the seed very carefully in seed-beds about the middle of Spring, and in the ensuing Autumn or Spring transplant them to convenient situations. The others are annuals, or such as come to perfection the first year and die. The seed of these may be sown carefully in shallow drills, middle of Spring, and when the plants are up a few inches thin them to proper distances. To preserve for use, dry thoroughly, rub the foliage almost to powder, and put in jars or bottles and cork tightly.

ANISE.—Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.

CARAWAY.—Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.

CARDOON.—Pkt. 10c.; oz. 20c.; $\frac{1}{4}$ lb. 65c.

CHERVIL.—Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.

CORIANDER.—Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.

DILL.—Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.

***LAVENDER.**—Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 55c.

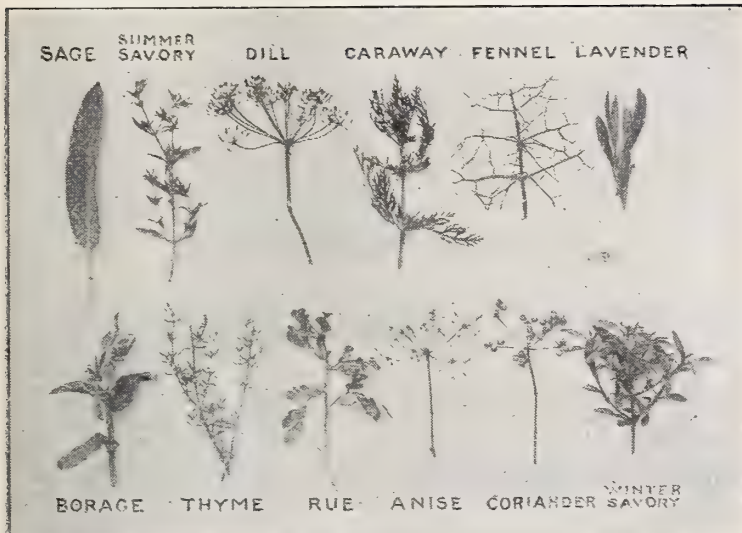
SAGE.—Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 55c.

SAVORY, SUMMER.—Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 40c.

SWEET MARJORAM.—Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.

SWEET BASIL.—Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.

The United States Mail brings Landreth's Seed Store to every man's door. Any man or woman, even in the most remote corner of the land, can get Landreth's Seeds, postage free, just as cheaply as if living in the outskirts of Philadelphia.



HERBS.

***THYME, FRENCH.**—Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.

THYME, ENGLISH.—Pkt. 10c.; oz. 45c.; $\frac{1}{4}$ lb. \$1.35.

LITCHFIELD CO., CONN., August 4, 1902.

MR. JAMES VICK, Philadelphia, Pa.

Dear Sir:—The plants that I bought of you in the Spring have done better than I expected; the Balsams have been in blossom from the day I received them, and the Pansies have done better than those that I could have bought nearer home. Thanking you for the kind attention that you gave to my order, I remain yours truly,

GEORGE F. HART.

Horse-Radish.

This plant, seldom producing seed, is propagated from sets cut from old roots, and in market garden culture nearly always planted as a succession to a Spring crop, which by time of removal leaves the Horse-radish well established. The sets are planted in rows of about 2 feet by 18 inches, frequently among Spring Cabbage. Holes are made with a long planting-stick, into which are dropped the Horse-radish sets to a depth that the crown will be 3 inches under the surface. It will only succeed in highly fertilized land, and each year should be planted afresh. In garden culture the sets are sometimes planted in the upper end of round drain tiles sunk into the ground and filled with earth, the Radish root being thus directed straight downwards. Yield about 150 bushels to the acre. Horse-Radish Sets per doz. 20c. By Express or Freight, not prepaid, doz. 10c.; 100, 50c.; 1000, \$3.00.

Kale.

One Ounce of Seed to 100 Yards of Row. Four Pounds to the Acre. Fifty Days to Produce a Crop Suitable for Cutting.

Greens for cutting. Curly, loose-leaved plants of the Cabbage family, of hardy character and succeeding on almost any soil. Sow in early Spring when the Oak is in full leaf and again in early Autumn. Drill in rows of $2\frac{1}{2}$ feet and thin to 3 to 10 inches, according to vigor of variety.

PLANTS.—Ready June 1st, 40c. per 100, mailed. By Express or Freight, not prepaid, \$1.50 per 1000; \$12.00 for 10,000.



DWARF GERMAN KALE.

DWARF SCOTCH KALE.

DWARF EXTRA CURLED GERMAN GREENS.—A variety of lighter green tint than the Dwarf German Greens, and much curled. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 95c. By Express or Freight, not prepaid, lb. 85c.

DWARF CURLED SCOTCH.—Foliage yellowish-green and similar to the Tall Scotch Kale. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 75c. By Express or Freight, not prepaid, lb. 65c.

SIBERIAN.—Similar to German. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 80c. By Express or Freight, not prepaid, lb. 70c.

PHILADELPHIA DWARF GERMAN GREENS, 60 DAYS.—Sow in Autumn for "sprouts" or "greens." Height 4 to 6 inches. Sow in permanent position. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 80c. By Express or Freight, not prepaid, lb. 70c.

TALL CURLED SCOTCH.—Manage as Winter Cabbage. Desirable for Winter use. Height 2 to 4 feet. Sow in beds and transplant. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 80c. By Express or Freight, not prepaid, lb. 70c.

DWARF CURLED SLOW SEEDER.—A sort slow to shoot, and for that reason very profitable both to the market and private gardener. Very productive in leaves, blue-green and curled on edges. In some catalogues this is known as Imperial. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 3c.; lb. \$1.15. By Express or Freight, not prepaid, lb. \$1.05.

PURPLE DWARF GERMAN.—Height 4 to 6 inches. Sow in permanent position. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 40c.; lb. \$1.40. By Express or Freight, not prepaid, lb. \$1.30.

Kohl=Rabi.

One Ounce of Seed to 100 Yards of Row.

This plant, used both for table and for cattle feeding, is a Cabbage in which the cultural development has been directed to the stalk, not to the leaf. The enlarged stalks, taking the globular form of Turnips, are more hardy and nutritious than Turnips. Any good soil will produce a crop, the plants for which may be grown like Cabbage, in seed-beds for transplanting, or sown in permanent position in three-foot rows. Sow the seed for table use at any period when Cabbage may be sown. Drill in rows at 2 feet and thin to 6 inches. For cattle feeding drill the seed in Midsummer for Autumn development. Yield 300 to 400 bushels to the acre.

Plants ready March 1st. 60c. per 100, mailed. By Express or Freight, not prepaid, \$3.00 per 1000.

WHITE VIENNA, 60 DAYS.—Short leaved, bulb light green, very rapid in growth, early in maturity, fine in texture, and symmetrical in form. Pkt. 5c.; oz. 20c.; ¼ lb. 65c.; lb. \$2.00. By Express or Freight, not prepaid, lb. \$1.90.

PURPLE.—The bulb of this variety is purple. In maturity after the White Vienna. Pkt. 5c.; oz. 20c.; ¼ lb. 65c.; lb. \$2.00. By Express or Freight, not prepaid, lb. \$1.90.

Lawn Grass.

See List of Varieties in this Catalogue.

A GREEN SOD.

A quick green covering on bare earth can be obtained in two weeks after sowing White Clover—not as good a sod as from choice Lawn Grass, but such as it is obtained in quarter the time, therefore when an immediate effect is desired use White Clover.

Leek.

Two Ounces of Seed to 100 Yards of Row. Four Pounds to the Acre. Ninety Days from Germination to Edible Condition.

Sow when the Apple is in bloom, and again in Midsummer. If for permanent position, sow in rows of 2 feet; if for transplanting, sow in close beds. To secure a full development, thin out the rows or plant the seedlings at 2 feet 6 inches. Upon the approach of hard frost take up the plants and preserve in trenches the same as Celery. Yield from about 100 to 150 bushels to the acre.

CARENTAN.—Very superior, large rooted, broad leaved. Pkt. 5c.; oz. 15c.; ¼ lb. 45c.; lb. \$1.50. By Express or Freight, not prepaid, lb. \$1.40.

ROUEN.—Thick, short stem with numerous fan-shaped leaves. Pkt. 5c.; oz. 15c.; ¼ lb. 55c.; lb. \$1.80. By Express or Freight, not prepaid, lb. \$1.70.

MUSSELBURGH.—A remarkably large and showy variety. Pkt. 5c.; oz. 20c.; ¼ lb. 60c.; lb. \$1.95. By Express or Freight, not prepaid, lb. \$1.85.

LARGE LONDON.—Scotch or Flag. Pkt. 5c.; oz. 10c.; ¼ lb. 35c.; lb. \$1.25. By Express or Freight, not prepaid, lb. \$1.15.



CARENTAN.

Plants ready every month in the year. 40c. per 100, mailed. By Express or Freight, not prepaid, \$1.50 per 1000.

Lettuce.

Two Ounces of Seed to 100 Yards of Row. Four Pounds to the Acre. Forty to Fifty Days from Seeding to Maturity.

For Plants see end of list on next page.

To have fine Lettuce in early Spring, sow in seed-bed from commencement to middle of Autumn. During Winter protect the plants by a box covered with window or other sash, or with litter, as they stand on the ground.

Early in the Spring transplant some into rich ground. The others force under the sash. Or in early Spring sow in a hotbed and transplant, but Autumn-sown plants are best. For a later supply, sow in drills when the Cherry is in bloom; when up a few inches thin out, leaving plants at proper distances; this is a better plan than transplanting late in the season. For this purpose use Bloomsdale Reliable, Landreths' Forcing, Virginia Solid Header and heat-resisting varieties, which we have selected as standard sorts by reason of their ability to **resist heat**, and the longer time they are in condition for the table than some other kinds which shoot to seed as soon as the head is formed.

LOOSE-LEAVED OR CUTTING VARIETIES.

BLACK-SEEDED SIMPSON.—A cutting variety of unusual merit; not so golden as Silesian, but by some preferred. Pkt. 5c.; oz. 10c.; ¼ lb. 30c.; lb. \$1.10. By Express or Freight, not prepaid, lb. \$1.00.

EARLY CURLED SILESIA.—A cutting variety; the second to produce edible leaves. *It does not head.* Pkt. 5c.; oz. 10c.; ¼ lb. 30c.; lb. \$1.10. By Express or Freight, not prepaid, lb. \$1.00.

GOLDEN CURLED.—New sort. A golden-leaved sort, producing a half head of rare excellence; leaves much fluted on the edges; very showy and a most admirable cutting sort. Pkt. 5c.; oz. 10c.; ¼ lb. 35c.; lb. \$1.25. By Express or Freight, not prepaid, lb. \$1.15.

BRONZED CURLED.—New sort. A half Cabbaging variety of bronze-edged leaves and superior to either Prize Head or American Gathering. Pkt. 5c.; oz. 15c.; ¼ lb. 40c.; lb. \$1.35. By Express or Freight, not prepaid, lb. \$1.25.


GRAND RAPIDS.—A loose-leaved vigorous grower, resembling Landreths' Golden Curled. Pkt. 5c.; oz. 10c.; ¼ lb. 30c.; lb. \$1.10. By Express or Freight, not prepaid, lb. \$1.00.

PRIZE HEAD, OR SATISFACTION.—A cutting variety of curly leaves. Pkt. 5c.; oz. 10c.; ¼ lb. 30c.; lb. \$1.10. By Express or Freight, not prepaid, lb. \$1.00.

See also Novelty pages.

HEADING VARIETIES.

 **LANDRETHS' WHITE COS** (see Novelties).—Pkt. 10c.; oz. 40c.; ¼ lb. \$1.25; lb. \$4.10. By Express or Freight, not prepaid, lb. \$4.00.

 **LANDRETHS' FORCING, 35 DAYS** (see Novelties).—Pkt. 5c.; oz. 20c.; ¼ lb. 65c.; lb. \$2.20. By Express or Freight, not prepaid, lb. \$2.10.

 **LANDRETHS' UNSURPASSED** (see Novelties).—Pkt. 10c.; oz. 40c.; ¼ lb. \$1.25; lb. \$4.10. By Express or Freight, not prepaid, lb. \$4.00.


BLACK-SEEDED TENNISBALL.—An early reliable header, compact in growth, the leaves close set and slightly bloated or savoyed. Color a whitish-green. Pkt. 5c.; oz. 10c.; ¼ lb. 30c.; lb. \$1.10. By Express or Freight, not prepaid, lb. \$1.00.

SILVER BALL.—A large-sized sort of light white-yellowish leaf. An excellent heading sort, and growing in demand as meeting the public taste. Pkt. 5c.; oz. 10c.; ¼ lb. 35c.; lb. \$1.25. By Express or Freight, not prepaid, lb. \$1.15.

BIG BOSTON.—Very popular as a reliable and uniform header. Leaves short and round ended, slightly crumpled. Deep green with bronze edges, all forming a compact head; making it a very desirable sort for forcing. A variety in demand beyond the supply. Pkt. 5c.; oz. 10c.; ¼ lb. 35c.; lb. \$1.25. By Express or Freight, not prepaid, lb. \$1.15.

HANSON.—Very much like India. Pkt. 5c.; oz. 10c.; ¼ lb. 35c.; lb. \$1.25. By Express or Freight, not prepaid, lb. \$1.15.


CALIFORNIA CREAM BUTTER.—A good Summer sort of reliable heading quality. Color yellowish-green, slightly marked with brown specks. This is a variety growing in favor. Pkt. 5c.; oz. 10c.; ¼ lb. 35c.; lb. \$1.25. By Express or Freight, not prepaid, lb. \$1.15.

 **VIRGINIA SOLID HEADER, 40 DAYS** (see Novelties).—Pkt. 10c.; oz. 30c.; ¼ lb. 90c.; lb. \$3.00. By Express or Freight, not prepaid, lb. \$2.90.

SPECKLED DUTCH BUTTERHEAD, 50 DAYS.—A long-standing white Cabbage variety, forming quite compact heads, the leaves possessing the peculiarity of being irregularly dotted with spots resembling iron rust. This is the favorite variety with market gardeners in the neighborhood of Philadelphia. Pkt. 5c.; oz. 15c.; ¼ lb. 40c.; lb. \$1.40. By Express or Freight, not prepaid, lb. \$1.30.


LANDRETHS' EARLY SUMMER, 50 DAYS.—None better, it being a certain and good header, early and attractive. Shape of head inclined to be slightly sugar-loafed. Color a yellowish-green. Pkt. 5c.; oz. 20c.; ¼ lb. 65c.; lb. \$2.00. By Express or Freight, not prepaid, lb. \$1.90.

LETTUCE—Continued.

 **BLOOMSDALE RELIABLE, 50 DAYS.**—A week later than Landreth's Early Summer, darker in color, larger in head, more round in leaf. A favorite sort with market gardeners. Pkt. 5c.; oz. 20c.; ¼ lb. 65c.; lb. \$2.20. By Express or Freight, not prepaid, lb. \$2.10.

PERFECTED SALAMANDER.—Very similar to Bloomsdale Reliable, a little larger, a little later and a darker shade of green—a variety slow to shoot to seed. Pkt. 5c.; oz. 10c.; ¼ lb. 35c.; lb. \$1.25. By Express or Freight, not prepaid, lb. \$1.15.

MAMMOTH BUTTER (Black Seed).—A selected strain, with large, solid yellow heads. The favorite variety of the New York market gardeners. Pkt. 5c.; oz. 15c.; ¼ lb. 45c.; lb. \$1.50. By Express or Freight, not prepaid, lb. \$1.40.

 **LARGEST OF ALL, 55 DAYS.**—A fine exhibition sort, none approaching it in immense development. A good header of most excellent quality as respects color and texture of leaf. Shoots very late and is a shy seeder—an advantage to the gardener but expensive to the seed grower. Pkt. 5c.; oz. 25c.; ¼ lb. 70c.; lb. \$2.40. By Express or Freight, not prepaid, lb. \$2.30.

BLOOMSDALE BUTTER (Black Seed).—Late in development and consequently valuable as a succession to the earlier sorts. Foliage dark green, large and showy. A hardy Cabbage variety. Pkt. 5c.; oz. 15c.; ¼ lb. 40c.; lb. \$1.35. By Express or Freight, not prepaid, lb. \$1.25.


COLD FRAME WHITE CABBAGE.—A large Cabbage form of late habit, leaves plain, broad and requiring considerable space, but forming a fine showy head of rich green color, a hardy sort and very slow to shoot. Pkt. 5c.; oz. 20c.; ¼ lb. 60c.; lb. \$1.95. By Express or Freight, not prepaid, lb. \$1.85.

NEW YORK LETTUCE.—A large, late variety of peculiar green color. Pkt. 5c.; oz. 10c.; ¼ lb. 35c.; lb. \$1.20. By Express or Freight, not prepaid, lb. \$1.10.

PHILADELPHIA LATE WHITE BUTTER.—Fine for the open garden in Midsummer. A strong hardy sort. Pkt. 5c.; oz. 10c.; ¼ lb. 30c.; lb. \$1.10. By Express or Freight, not prepaid, lb. \$1.00.

LONG ISLAND WINTER, 60 DAYS.—Used by market gardeners for growing in cold frames during Autumn, Winter and early Spring. Very valuable. Color a light green, very hardy, size over the average, leaves round on ends, broad, slightly bloated. Pkt. 5c.; oz. 15c.; ¼ lb. 55c.; lb. \$1.75. By Express or Freight, not prepaid, lb. \$1.65.

ROMAINE COS.—This is a general name given to several types of Cos Lettuce—some white, others green, others red—all of the same erect growth, sugar-loaf shaped, and of the same prolific quality. The White Leaved is the best, as it is very rapid in development, often reaching a weight of five pounds in 50 to 60 days. It will do well in all climates. It can be eaten with salt like Celery. Pkt. 5c.; oz. 10c.; ¼ lb. 35c.; lb. \$1.25. By Express or Freight, not prepaid, lb. \$1.15.

 **LANDRETHS' HEAT-RESISTING GREEN COS.**—Vigorous, always heading, crisp, never wilting under the severest sun. Remarkably fine. It should be in every garden. We recommend this for Florida and Gulf States, as it resists heat, and growing erect, and being tied for blanching, remains free from sand. Pkt. 5c.; oz. 20c.; ¼ lb. 70c.; lb. \$2.30. By Express or Freight, not prepaid, lb. \$2.20.

GREEN COS.—Growth erect. Pkt. 5c.; oz. 10c.; ¼ lb. 35c.; lb. \$1.25. By Express or Freight, not prepaid, lb. \$1.15.

WHITE COS.—An old variety, highly esteemed. Habit of growth upright. The leaves require tying up to insure blanching. Pkt. 5c.; oz. 10c.; ¼ lb. 35c.; lb. \$1.25. By Express or Freight, not prepaid, lb. \$1.15.

FLORIDA FAVORITE.—A most desirable sort. Flourishes on hot dry sand. Produces long, narrow, erect leaves, which require tying up to blanch; prevents the entry of sand into the head. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 75c. By Express or Freight, not prepaid, lb. 65c.

PLANTS.—Ready all the year, excepting the hot months, 40c. per 100, mailed. By Express, not prepaid, \$1.50 per 1000; \$10.00 for 10,000.

See also Novelty pages.

I have on my table a lot of White Asters which were grown from seed that came from your house, which are by far the best things in this section. Mr. Reading, who lives about one-half a mile on the Dodd Road below me, and who is a professional florist, says they are the best he has ever seen.

Ramsey Co., Minn.

GEORGE HAMILTON.

DODGEVILLE, WIS., March 12, 1902.

MESSRS. D. LANDRETH & SONS,
Philadelphia, Pa.

Gentlemen—I received the box of seeds you sent to me this week and was much pleased with the excellent condition they were in, having been so neatly put up and packed, and the Fuchsias and Carnations were in most superb condition, being so green and thrifty after such a long journey. I thank you for the prompt and satisfactory manner in which you filled the order.

Respectfully,
O. C. SMITH.

Watermelon.

Three Ounces of Seed to 100 Yards of Row.

Four Pounds to the Acre.

When the black Walnut is in one-inch leaf plant Melons.

Watermelons do well upon sod ground or upon land prepared for their reception by plowing down a crop of Winter Wheat or Winter Rye, the sod or grain aerating or keeping loose the soil. When the Apple is in bloom the seed is planted in hills at 10 feet apart in each direction. Two large shovelfuls of well-rotted stable manure dug and trampled into each hill and covered with earth.

The cultivator should be prepared with quite 4 pounds of seed to the acre, that he may have a reserve for replanting in case of destruction of his plants by insect depredations or beating rains.

One vine alone to the hill should be allowed to attain perfection; with 450 hills to the acre, there should be 900 first-class Melons.

Philadelphia Commission Merchants pay for prime Melons, as a highest price, \$40.00 per 100; as an average price, \$10.00 per 100. They cease to be profitable to the trucker when bringing less than \$4.00 per 100. First-class Melons are always in demand, but the market is frequently overstocked with small fruit.

Much of the Melon seed offered throughout the country is the product of immature and deformed Melons remaining in the field after all the choice fruit has been selected.

See also Novelty pages for other Varieties.

EXTRA EARLY (65 Days from Germination).—Very desirable as the first. Watermelon to ripen. Every one should have it. Form oblong. Weight from 15 to 16 pounds. Quality fair. Pkt. 5c.; oz. 10c.; ¼ lb. 25c.; lb. 90c. By Express or Freight, not prepaid, lb. 80c.

LIGHT GREEN RIND ICING, 75 DAYS.—One of the best of all Melons; always of good flavor, rind very thin. **Unexcelled in all good qualities.** Pkt. 5c.; oz. 10c.; ¼ lb. 25c.; lb. 80c. By Express or Freight, not prepaid, lb. 70c.

DARK GREEN RIND ICING.—Shape, size and flavor same as Light Icing, but dark skinned. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 65c. By Express or Freight, not prepaid, lb. 55c.

 **LANDRETHS' LONG LIGHT ICING, 80 DAYS.**—A good cropper, heavy, attractive and very desirable in quality. Pkt. 5c.; oz. 15c.; ¼ lb. 40c.; lb. \$1.35. By Express or Freight, not prepaid, lb. \$1.25.

PEERLESS.—Good, but not equal to the Ice Cream. Rind thin; light green; flesh solid, bright in color, sugary. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 80c. By Express or Freight, not prepaid, lb. 70c.

GRAY MONARCH (Jordan's).—Long, large, heavy, flesh solid, deep red and good flavor. Pkt. 5c.; oz. 10c.; ¼ lb. 25c.; lb. 80c. By Express or Freight, not prepaid, lb. 70c.


SEMINOLE.—This Melon resembles the Landreth's Long Light Icing. Very sweet and melting. Pkt. 5c.; oz. 10c.; ¼ lb. 25c.; lb. 80c. By Express or Freight, not prepaid, lb. 70c.

JACKSON, GYPSY, RATTLESNAKE.—A famous Melon in the Southern States. Pkt. 5c.; oz. 15c.; ¼ lb. 20c.; lb. 70c. By Express or Freight, not prepaid, lb. 60c.

GEORGIA.—Pkt. 5c.; oz. 10c.; ¼ lb. 15c.; lb. 60c. By Express or Freight, not prepaid, lb. 50c.


GEM (Kolb).—A good shipper. Pkt. 5c.; oz. 15c.; ¼ lb. 20c.; lb. 70c. By Express or Freight, not prepaid, lb. 60c.

BLUE KOLB GEM.—Similar to the old Gem, but of a blue skin. Pkt. 5c.; oz. 15c.; ¼ lb. 20c.; lb. 70c. By Express or Freight, not prepaid, lb. 60c.

 **ARKANSAS TRAVELER, 75 DAYS (see Novelties).**—Pkt. 5c.; oz. 10c.; ¼ lb. 35c.; lb. \$1.25. By Express or Freight, not prepaid, lb. \$1.5.

LONG DIXIE, 85 DAYS.—We have selected a long form which will supercede the Kolb Gem, compared with which it is infinitely better, vine vigorous, equally early, quite as productive, weighs as much, darker in rind, in form long to half-long, flesh deep red without core or cavity, more melting and of very superior flavor. For shipment to long distances it will be found equal to the Kolb Gem, its rind fully as strong, and in appearance more showy, placing it in first rank as a market Melon. Pkt. 5c.; oz. 15c.; ¼ lb. 20c.; lb. 70c. By Express or Freight, not prepaid, lb. 60c.


WATERMELON—Continued.

 **BRADFORD, 85 DAYS** (see Novelties).—Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 35c.; lb. \$1.25. By Express or Freight, not prepaid, lb. \$1.15.



BRADFORD.

DUKE JONES.—Larger than Old Jones, Lord Bacon or Kolb's Gem, and of better flavor; rind dark green, with irregular lighter colored stripes; very prolific and of fine appearance. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 75c. By Express or Freight, not prepaid, lb. 65c.

 **LANDRETHS' BOSS, 80 TO 90 DAYS.**—We still adhere to our claim that no Melon has ever been introduced which can be compared with the Boss in delicacy of flavor, dazzling brilliancy of color of flesh, solidity of flesh, depth of flesh, melting quality, and everything going to make a perfect Melon. Success with the Boss, however, is only met with when the soil is strong and rich, both naturally and artificially, and it requires a space of 9 x 9 or 9 x 10 feet to the hill. Under good conditions Melons weigh from 30 to 40 pounds, and we have had frequent reports of them reaching a weight of 60 and 70 pounds to the Melon. True stock can only be had direct from us. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 80c. By Express or Freight, not prepaid, lb. 70c.

FLORIDA FAVORITE.—A popular Melon in the South. Oblong, green with dark stripes. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 90c. By Express or Freight, not prepaid, lb. 80c.

INDIANA SWEETHEART, 90 DAYS.—Resembling a Large Round Icing, but heavier and paler in color, good bearer and a reliable shipper, standing any amount of rough handling. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 70c. By Express or Freight, not prepaid, lb. 60c.

BLACK BOULDER.—Nearly round, very large and heavy. Skin a dark black-green. Rind very thick. A good shipper. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 90c. By Express or Freight, not prepaid, lb. 80c.

PRESERVING MELON.—Only for Winter use. A round, light and dark striped Melon, meat greenish-white, used for preserving only; seeds red and small. This should be more generally used. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 65c. By Express or Freight, not prepaid, lb. 55c.

BLOOMSDALE.

The land, level as a Western prairie, presents everywhere clear-cut methods and intensity in the execution of the same to a most complete finish, the whole illustrating a style of culture the like of which is only elsewhere seen in Europe. These remarks apply to the three Landreth farms, on all of which is produced a grade of Seed more perfect, as respects shape, color and general development, than produced by other growers not so severely critical in ferreting out and removing every plant showing signs of departing from the true types.

D. Landreth & Sons do not profess to grow all the Seeds they sell as that would require an immense acreage, but they do grow their choicest grades, all of which, now and hereafter, will be indicated as Landreth's Cabbage, Landreth's Beet, and which, consequent upon the critical attention and labor given them, are priced at a value higher than less carefully selected stock.

Cantaloupe, or Musk Melon.

The Seed supply of Cantaloupe was never before so short.

Two Ounces of Seed to 100 Yards of Row. Four Pounds to the Acre.

Cantaloupes, or Citron Melons, as they are termed in Jersey, do well upon sod ground or upon land prepared for planting by plowing down a crop of Winter Wheat or Winter Rye, the sod or grass aerating or keeping loose the soil. No plant is more influenced by the conditions of its growth.


The seed is planted at about Corn-seeding time, or when the Apple is in bloom, in hills about $4\frac{1}{2}$ feet in each direction, two shovelfuls of well-rotted stable manure being tramped into each hill and covered with earth. The large, long Melons, like the Reedland Giant and Casaba, are generally sold by the hundred; Melons of the ordinary form and size are sold by the basket of one-half to five-eighths bushel capacity. Twenty-six hundred hills to the acre should produce 15,000 to 20,000 fruits. Cantaloupes and Cucumbers are often destroyed by Lice on the vines. The remedy to meet such depredations is to spray the leaves with oil and water. Cantaloupe vines are often blighted by heavy early morning fogs, the leaves appearing afterward as if a flame of fire had passed over the field.

Philadelphia Commission Merchants pay as a highest price \$1.50 to \$2.00 per bushel; as an average price 40c. to 50c. per bushel. Cantaloupe Melons are frequently a drug in the market.

See also Novelty pages for other varieties.

LANDRETHS' EXTRA EARLY CITRON (First in Market), 60 DAYS (see Novelties).—Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.05. By Express or Freight, not prepaid, lb. 95c.

 **EARLY BRISTOL** (see Novelties).—Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 55c.; lb. \$1.70. By Express or Freight, not prepaid, lb. \$1.60.

 **EARLY BURLINGTON** (see Novelties).—Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 55c.; lb. \$1.70. By Express or Freight, not prepaid, lb. \$1.60.

EXTRA EARLY CAPE MAY, 65 DAYS.—A very early and large round Cantaloupe or Musk Melon of Nutmeg form; quality most excellent and exceedingly productive; fruit deeply ribbed and heavily netted, flesh deep green, tender, juicy, very sweet; foliage very small and distinct and proof against sunshine. Producing well on lightest soils, and a most prolific sort for the market gardener, as 30 will often fill a barrel. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 35c.; lb. \$1.20. By Express or Freight, not prepaid, lb. \$1.10.

EXTRA EARLY HACKENSACK.—A week or 10 days earlier than the old Hackensack. Small foliage. Profitable for market. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 90c. By Express or Freight, not prepaid, lb. 80c.

JENNY LIND, 65 DAYS.—A very small early variety, flattened at the poles, of surpassing good quality, recommended for family garden, rather small for market. The only variety which has retained its reputation for a period of 50 years. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 90c. By Express or Freight, not prepaid, lb. 80c.



EARLY JUNE.

EXTRA EARLY JUNE (Fine), 67 DAYS.—A large, flat, early Melon, following the Extra Early. Fruit more flat than the Jenny Lind, deeply ribbed, heavily netted; flesh green, of a most exquisite quality. This Melon will probably take its place as a standard extra early. It does best on light soils; will even develop perfectly on white sand. It is the earliest Melon of its size, and valuable to the shipper. Twice as large as Jenny Lind. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 40c.; lb. \$1.35. By Express or Freight, not prepaid, lb. \$1.25.

CANTALOUPE—Continued.

EMERALD GEM.—A small, very early Melon; form globular, flattened at the poles, ribbed, smooth, deep emerald-green skin. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 35c.; lb. \$1.25. By Express or Freight, not prepaid, lb. \$1.15.

ACME.—A Melon of high repute at Philadelphia and Baltimore. Known in Maryland as the Baltimore Citron. It is showy, pointed at both ends, strongly netted—which fits it for shipment, the netting protecting it from injury. This variety, in good average soil and under average conditions, will produce 100 barrels to the acre. The best selling Melon in the Philadelphia market. Green fleshed, fine flavored, productive and a good shipper. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 90c. By Express or Freight, not prepaid, lb. 80c.

ROCKY FORD, 70 DAYS (see Novelties).—Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 90c. By Express or Freight, not prepaid, lb. 80c.

NETTED GEM.—Early, quality good, very attractive. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 90c. By Express or Freight, not prepaid, lb. 80c.

GOLDEN JENNY.—Small, but highly prized by the most experienced growers of Melons. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 90c. By Express or Freight, not prepaid, lb. 80c.

IMPROVED JENNY.—Larger than Golden Jenny and greener in the rind. A very salable sort. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 90c. By Express or Freight, not prepaid, lb. 80c.

SOUTH JERSEY.—A new Cantaloupe. Large, oval, pointed at each end; netted all over with heavy webbing. Flesh thick, green and most excellent in flavor. Resists decay and comes to market without injury. A super-excellent strain, somewhat resembling the Anne Arundel, but larger. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.50. By Express or Freight, not prepaid, lb. \$1.40.

ATLANTIC CITY, 72 DAYS.—A fine, bold, pineapple-shaped Melon of excellent quality, large and very showy; moderately ribbed and so heavily netted as to fit it for shipping to long distances. Flesh green, thick and sweet; doing admirably well on sandy soils and possessing all the good qualities of the Acme or Baltimore Citron, with largely increased size. Forty will frequently fill a barrel, and their appearance sells them. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 40c.; lb. \$1.35. By Express or Freight, not prepaid, lb. \$1.25.



ANNE ARUNDEL.

ANNE ARUNDEL (70 days from planting to ripening).—A thick, oval Melon of first size, ribs very distinct and netted all over. Flesh green and sugary. It is in all respects one of the best of Melons. Its entire webbing or netting fits it to resist abrasion during shipment. It always gives satisfaction on good ground. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.05. By Express or Freight, not prepaid, lb. 95c.

LARGE ACME.—Grown by truckers on the Eastern Shore of Maryland and along the borders of the Chesapeake. Twice the size of the old Acme and coming rapidly into demand. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.10. By Express or Freight, not prepaid, lb. \$1.00.

PAUL ROSE.—A sort possessing several characteristics of the Osage, form slightly oblong, distinctly ribbed, slightly netted, color when unripe a deep green, turning a golden tint; flesh salmon, and so thick as to show an unusually small seed cavity, flavor like Osage. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00. By Express or Freight, not prepaid, lb. 90c.

OSAGE.—A new salmon-fleshed variety favorably thought of in the Chicago and other Western markets. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00. By Express or Freight, not prepaid, lb. 90c.



ROBERTS.

ROBERTS.—A large selection or development of the small Jenny Lind and having its merits. Grown extensively for market. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.50. By Express or Freight, not prepaid, lb. \$1.40.

SALMON AND GREEN.—Fruit slightly oval and regularly rounded at the ends. Lightly ribbed and slightly netted; skin very dark green; extremely thick fleshed, the edible portion extending to the very rind. Flesh deep orange and very sweet. Cavity small. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00. By Express or Freight, not prepaid, lb. 90c.

CALIFORNIA CITRON, 80 DAYS.—Flesh deep orange, attractive in appearance. Weight up to 12 pounds. Eighteen to twenty will fill a barrel. Suitable for heavy soil. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00. By Express or Freight, not prepaid, lb. 90c.

HACKENSACK, OR TURK'S CAP.—Flesh green, a favorite with market gardeners. One of the best Melons for shipping; will carry 10 days. Twenty will generally fill a barrel. Five hundred Melons selected for our own seed weighed 2,500 pounds. Suitable for heavy soil. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 85c. By Express or Freight, not prepaid, lb. 75c.



MISSOURI.

MISSOURI, 80 DAYS.—A new sort of rare good quality. Form globular, flattened at each end; wonderfully ribbed, with dark green cavities, ribs covered with strong netting, fitting it for shipment; flesh green, flavor excellent, foliage strong and hardy. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.10. By Express or Freight, not prepaid, lb. \$1.00.

MONTREAL.—A showy Citron, average weight 10 pounds, though going up to 20. Well ribbed and netted. Flesh deep, sugary and green in color. Flavor fine. Suitable for heavy soil. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.20. By Express or Freight, not prepaid, lb. \$1.10.

Other varieties will be found in Novelty pages.

Mushroom Spawn.

IMPORTED.

The culture of Mushrooms to the initiated is very easy, but it is a subject of much difficulty to the novice. We cannot attempt here to give at length the necessary directions, but refer the inquirer to some of the various publications upon the subject.

Kept on sale in the form of *Bricks*. Two bricks of spawn broken up into pieces an inch in size will spawn a surface a yard square. The spawn is planted in dark pits, caves, in outdoor hotbeds, or on banks of compost. Better quality spawn cannot be bought than that we offer. Per lb. 25c., mailed. By Express or Freight, not prepaid, \$8.00 per 100-lbs.

Mustard.

Five Ounces of Seed to 100 Yards of Row. Four Pounds to the Acre.

In the Spring, when the Pear is in bloom, drill in rows 1 foot apart. To have a succession the sowings should be made every two or three weeks till October. Cut young; when old the flavor is strong. Once sown in the garden it is pretty certain to perpetuate itself.


CREOLE, 30 DAYS.—A fine curled sort. It is quite ornamental in appearance. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 40c.; lb. \$1.45. By Express or Freight, not prepaid, lb. \$1.35.

GIANT SOUTHERN CURLED.—Not so large as the Creole, more curly. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 80c. By Express or Freight, not prepaid, lb. 70c.



BLOOMSDALE.

CREOLE.

 **BLOOMSDALE LARGE LEAVED (early, 35 days).**—So named by reason of producing leaves when fully developed as large and broad as the largest Tobacco. The leaves when small are very tender, and admirable as a salad. When larger leaved we recommend it for boiling like Spinach. A plant which should be in every garden. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.65. By Express or Freight, not prepaid, lb. \$1.55.

Nasturtium, or Indian Cress

Four Ounces of Seed to 100 Yards of Row.

At about Corn-planting season sow in drills at 3 feet and thin out to 10 inches, or plant to trellis-work. The Dwarf is the best, as it does not require sticks or training.

The flowers and young leaves are used as a salad. The seed-pods, with foot-stalks attached, are gathered while green and tender, and pickled as a substitute for Capers.

TALL MIXED.—A popular variety for garden culture. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 80c. By Express or Freight, not prepaid, lb. 70c.

DWARF MIXED.—The plant is exceedingly ornamental. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00. By Express or Freight, not prepaid, lb. 9c.

ORNAMENTAL SORTS.—These are all described under Flower Seeds.


Okra.

Twelve Ounces of Seed to 100 Yards of Row. Twenty Pounds to the Acre. Sixty Days from Planting to Maturity.

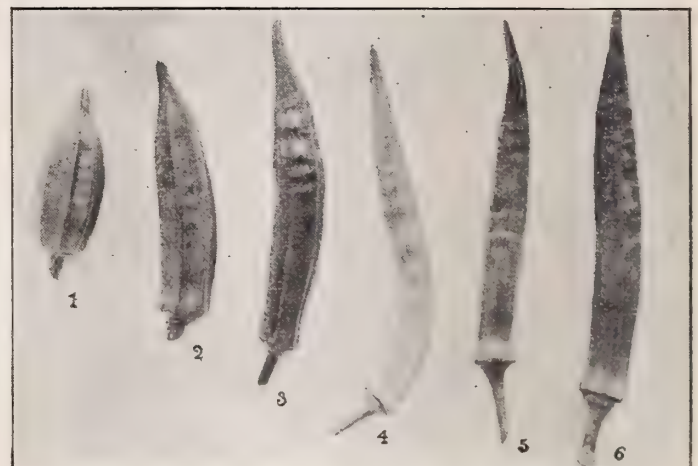
This Vegetable is not half appreciated. We give a receipt for its Winter preparation, in connection with Tomatoes.

Take the Okra pods half grown, and slice them into rings. Prepare the Tomatoes for stewing. Mix altogether and stew as under ordinary circumstances. When done, seal up in air-tight jars and use for a Stock for Soup—nothing better.

Plant the seed when the Apple is in bloom, in hills or drills; if in hills, 2 feet apart and two or three plants in each; or in drills, 3 feet apart and 8 or 10 inches between the plants. The seeds are liable to rot in the ground, and should be put in thickly to secure the requisite quantity of plants. Very rich ground is demanded by this vegetable. It is necessary to make an earlier and later sowing to secure an uninterrupted supply throughout the season.

 **LANDRETHS' LONG GREEN POD.**—Dwarf plant, producing pods of unusual length, often 10 inches long when mature, very slim and of intensely green color. The best of all green sorts. Canned for Winter use in large quantities. No other sort can compare with this. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 60c. By Express or Freight, not prepaid, lb. 50c.

LANDRETHS' LONG WHITE POD.—New. Pods unusually long, often 10 inches, very slim. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 90c. By Express or Freight, not prepaid, lb. 80c.



1. Common.
2. Dwarf.

3. Prolific.
4. New South.

5. Cow Horn.
6. Long Green Pod.

15c.

IRRIGATION FOR MARKET GARDENERS.

15c.

D. LANDRETH & SONS have published an eight-page pamphlet descriptive of several cheap methods of IRRIGATION practiced on as many Truck Farms, and will forward a copy postpaid to all subscribers who mail 15 cents with the order. Money can be sent in postage stamps. The hints given in the pamphlet are worth many times the cost of obtaining the publication.



AN ONION SEED CROP READY FOR HARVESTING AT BLOOMSDALE.

Onions.

Philadelphia-grown seed, or such raised in that portion of Pennsylvania, is unquestionably earlier than New England seed, and still more so as compared with Western seed. This is an important feature, as the **EARLY MARKETING** Onions always bring the highest prices. The growth conclusively proves the assertion, Philadelphia seed making bulbs, either as sets or full-sized Onions, long before seed from any other locality. Try this experiment and be satisfied. The yield of seed being much less to the acre than in any other locality, Philadelphia stock commands a higher price.

Large Onions from Seed.

These cannot be produced in every locality. Inquiry from neighbors will always elicit information upon such subjects. When the Apple is in bloom sow in drills 1 foot apart, drilling **6 to 8** pounds of seed to the acre. Yield 300 to 1000 bushels.


Sets from Seed.

Drill when the Apple is in bloom, 60 to 75 pounds of seed to the acre. At Midsummer, or whenever the tops die, remove the small bulbs, **buttons** or **sets**, as they are indifferently called, produced by this process, to a dry place. In the Autumn, or early in the following Spring, replant them in rows, the sets 2 inches apart, the rows wide enough to hoe between them. **Observe:** If not sown quite thickly in the first instance, they attain too large a size, and when replanted shoot to seed.


In growing Onions for the market, either from seed or sets, an unusually large size is not to be desired, 2 or 3 inches in diameter being about the most desirable size for shipping. A vigorously growing Onion crop frequently can be hastened to early ripening at near the desired size by simply stopping the vigor of growth by running a scuffle hoe under the bulbs on one side so as to cut off one-half the roots. Such a course of treatment will reduce the excess of vigor and forward maturity. If the grower awaits the development of mammoth Onions, or even large ones, he frequently lets pass opportunities for paying sales far more profitable than afterwards realized.

CHOICE ONION SEED.

To Grow Large Bulbs.

 **EXTRA EARLY BLOOMSDALE PEARL, 65 DAYS** (see Novelties).—Pkt. 5c.; oz. 30c.; $\frac{1}{4}$ lb. 80c.; lb. \$3.00. By Express or Freight, not prepaid, lb. \$2.90.

ITALIAN QUEEN.—An extra early small silver skin.—Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 70c.; lb. \$2.25. By Express or Freight, not prepaid, lb. \$2.15.

 **LANDRETHS' EXTRA EARLY RED SEAL** (see Novelties).—Pkt. 5c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.50. By Express or Freight, not prepaid, lb. \$2.40.

EXTRA EARLY FLAT RED, 100 DAYS.—Medium size, deep red, earlier and flatter than Wethersfield. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.50. By Express or Freight, not prepaid, lb. \$1.40.

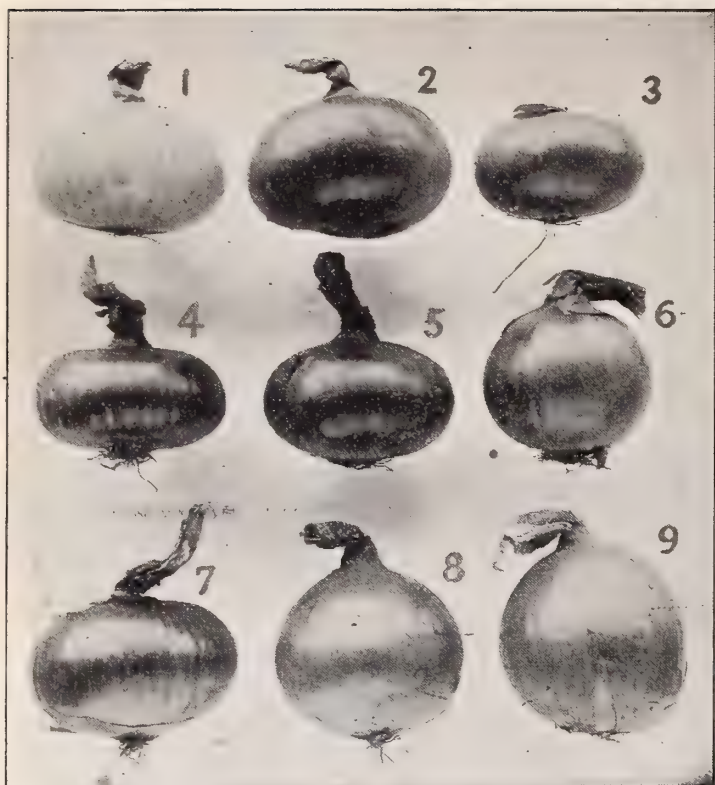
BLOOMSDALE EXTRA EARLY DARK RED, 100 DAYS.—A variety of unusually early maturity for a large red. Medium size, broad, flat, deep red in color, and an excellent keeper. Several weeks earlier than the Wethersfield Red. This is a special strain difficult to obtain elsewhere. Some selections of Onion seed sold as Extra Early Red are two weeks behind the Bloomsdale in period of maturity. Pkt. 5c.; oz. 25c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.50. By Express or Freight, not prepaid, lb. \$2.40.

BLOOMSDALE SILVER SKIN OR WHITE, 85 DAYS.—A mild, pleasant-flavored variety, admirable for family use, not so good a keeper as the dark-skinned varieties, but better flavored and always salable. Crop very short. Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ lb. 90c.; lb. \$3.00. By Express or Freight, not prepaid, lb. \$2.90.

SILVER SKIN.—An early white, flat Philadelphia variety. Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 65c.; lb. \$2.20. By Express or Freight, not prepaid, lb. \$2.10.

LANDRETHS' EXTRA EARLY GOLD SEAL (see Novelty pages).—Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 65c.; lb. \$2.20. By Express or Freight, not prepaid, lb. \$2.10.

ONIONS—Continued.



1. Philadelphia Silver Skin.
2. Philadelphia Yellow Strasburg.
3. Bloomsdale Extra Early Gold Seal.
4. Bloomsdale Extra Early Red Seal.
5. Bloomsdale Extra Early Dark Red.
6. Early Red Globe.
7. Large Red Wethersfield.
8. Large Yellow Globe Danvers.
9. Southport Yellow Globe.

PRIZE TAKER.—A mammoth Yellow Globe—similar to the huge Spanish Onions exhibited at fruit stands in Autumn. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 50c.; lb. \$1.60. By Express or Freight, not prepaid, lb. \$1.50.

BLOOMSDALE LARGE YELLOW STRASBURG.—A reliable, widely cultivated variety, not so strong in flavor as the Red. Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 65c.; lb. \$2.00. By Express or Freight, not prepaid, lb. \$1.90.

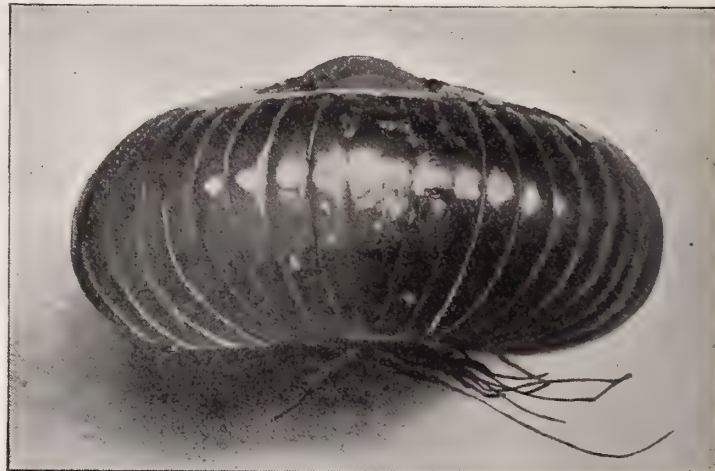
YELLOW STRASBURG.—A flat yellow Onion of early habit. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00. By Express or Freight, not prepaid, lb. 9c.

LANDRETHS' HARD ROUND GOLDEN, 110 DAYS.—Very select. One hundred and twenty days from sowing to maturity. This is a strain certain to prove profitable to the market gardener or for use in the private garden. It varies in shape from round to oval, and ripens hard as an apple, and of a bright yellow color. Somewhat similar in color to the Danvers Globe, but growing larger, heavier, more solid, and a better keeper. Pkt. 5c.; oz. 25c.; $\frac{1}{4}$ lb. 80c.; lb. \$2.70. By Express or Freight, not prepaid, lb. \$2.60.

LARGE YELLOW GLOBE DANVERS, 115 DAYS.—An oval-shaped, straw-colored, long-keeping variety. Superior to the flat Yellow Dutch, which latter, a cheap variety, is often deceptively sold for it. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 35c.; lb. \$1.20. By Express or Freight, not prepaid, lb. \$1.10.

BERMUDA ISLAND WHITE (True Stock), 70 DAYS.—Several days earlier in maturity than the Bermuda Island Red, and more flat, and though shipped and known as a white Onion, has an outer skin of a straw-colored tone; the interior is, however, pearly white. This seed and that of the Bermuda Island Red we IMPORT from the Canary Islands, the source from which the Bermuda growers obtain their choice stocks. Pkt. 5c.; oz. 30c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.90. By Express or Freight, not prepaid, lb. \$2.80.

BERMUDA ISLAND RED (True Stock), 70 DAYS.—Well known as among the earliest Onions appearing in the Spring markets. Shipped from Bermuda in immense quantities. In Florida the seed is sown in October and November to very great profit for early shipment. The sets planted in September and October produce marketable Onions in early Spring. Pkt. 5c.; oz. 30c.; $\frac{1}{4}$ lb. 75c.; lb. \$2.90. By Express or Freight, not prepaid, lb. \$2.80.



BERMUDA ONION.

BLOOMSDALE DANVERS, 110 DAYS.—Oval in form. Maturing in 84 days. This strain will produce marketable bulbs in 12 weeks from date of sowing. Growers of Onions for the market will at once appreciate the importance of securing seed of unquestioned quality, and this we offer as such. Pkt. 5c.; oz. 30c.; $\frac{1}{4}$ lb. 85c.; lb. \$2.85. By Express or Freight, not prepaid, lb. \$2.75.

WETHERSFIELD LARGE RED, 120 DAYS.—Be not deceived in Wethersfield, there are many types; some selections ripen in August, others in September, others as late as October. We need not say the variation in time makes a difference in price of product. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 35c.; lb. \$1.20. By Express or Freight, not prepaid, lb. \$1.10.

SOUTHPORT RED GLOBE, 130 DAYS.—A very desirable round red variety, heavy, a large producer and a good shipper. Very salable in market. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.50. By Express or Freight, not prepaid, lb. \$1.40.

SOUTHPORT YELLOW GLOBE.—A favorite yellow globe variety in the markets of New York and Boston. Solid and a good keeper. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 35c.; lb. \$1.20. By Express or Freight, not prepaid, lb. \$1.10.

SOUTHPORT WHITE GLOBE.—A showy large white variety. Pkt. 5c.; oz. 2 c.; $\frac{1}{4}$ lb. 65c.; lb. \$2.00. By Express or Freight, not prepaid, lb. \$1.90.

GIANT WHITE GARGANUS.—Also known as **Silver King**; a giant Italian variety. Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 60c.; lb. \$1.90. By Express or Freight, not prepaid, lb. \$1.80.

TIME TO SOW SEEDS.

Many years ago we promulgated the idea that in every locality, be it North or South, in valley or on mountainside, Nature gives a safe guide for the sowing of seeds.

First. Seeds vegetating in cold soil being sown when the Peach is in bloom. These, for example, are Garden Peas and Onion Sets, Sweet Peas, Onion Seed, Parsnip, Phlox, Portulaca, Poppy.

Second. Seeds requiring a warmer soil to germinate. These being sown when the Apple and Cherry is in bloom, and such being Beet, Carrot, Cabbage, Lettuce, Radish, Parsley, Salsify, Nasturtium, Aster, Snap-Dragon, Hollyhock, Sweet William, Coxcomb, Cosmos and Zinnia.

Third. Seeds demanding a warmed-up soil. Sown only after the White Oak and other late trees have made leaves of half development. These being Cucumbers, Melons, Beans, Squashes, Tomatoes, Okra, Mignonette, Petunia, Morning Glory, Daisy, Canna, Castor Bean, Sunflower, Verbena.

Our readers are invited at any time to ask us questions as to culture, and we will be happy to answer all parties whose names appear in our books as customers. We are practical in all these details and can give valuable information, but we will give it only to our customers.

Onion Sets.

Three Quarts of Sets to 100 Yards of Row. Ten to Fifteen Bushels to the Acre, According to Size.

Large Onions from Sets.

In all localities south of the latitude of Central Virginia or Central Kentucky, we recommend that Onion Sets of all varieties be planted in October and November, as by early Autumn planting there is a gain in size and early maturity. Plant in rows at a sufficient distance apart in the row so as to afford them room to produce full-sized bulbs. This will consume 8 to 10 bushels to the acre. Onions produced by this system can be placed in market long before those grown directly from seed, and the higher price received for early Onions warrants the outlay.

Philadelphia-grown Onion Sets may be relied upon to produce well-shaped, marketable bulbs. Many Western-grown Sets often only produce Scallions, and nearly always show a disposition to run to seed. Such Sets cannot be cheap at any price; the more a man has the worse he is off.

Standard Varieties—Now Ready.

BLOOMSDALE EXTRA EARLY RED.—Qt. 35c.; bush. \$4.00.

YELLOW.—Sometimes called Red. Qt. 35c.; bush. \$3.75.

SILVER SKIN.—Qt. 40c.; bush. \$4.50.

YELLOW STRASBURG.—Qt. 35c.; bush. \$3.75.

RED-SKINNED TOP SETS.—Qt. 40c.; bush. \$4.00.

Packing Charges for Onion Sets: Crates, 2 bush. 25c; 1 bush. 15c.; Barrels, 3 bush. 25c. These extra charges should be included in remittance.

At quart price, Sets will be mailed; at bushel rates they will be shipped by Express or Freight, at purchaser's expense.



DRYING ONION SETS AT BLOOMSDALE.

Consider how many Farmers' Families and Cottagers in this broad land are yet without Household Gardens, and how much they miss in table comforts, just because they do not set aside a truck patch where could be produced an all Summer's round of good things to eat, costing next to nothing, and because of their freshness so very superior to those Vegetables offered in the stores. These remarks are doubly applicable to farms remote from the green grocery.

Certainly no half acre of Wheat, Oats or Corn can possibly be made to produce one-quarter the money value that can be obtained from a quarter acre garden containing Cabbage, Beans, Beet, Lettuce, Carrot, Watermelon, Cantaloupe, Tomato, Squash. If the truth of this be admitted, why not set aside at once one-quarter acre near the house, and in addition to Vegetables for the dining-table why should not the borders of the same garden be made gay with bright flowers of Phlox, Portulaca, Petunia, Pansy, and sweetly odorous with Mignonette and Climbing Roses, those queens of flowers? Oh! how often an hour's hard work in a pretty garden is really not work but relaxation!

Every country woman and country girl should insist upon a garden both for profit and pleasure, a spot in which not only to "drive dull care away," but to so greatly aid in making home more attractive.

How many country boys would be better satisfied with their country homes if their parents provided them with those pleasures of the palate and of the eye which are generally missing about a farmhouse.

Parsley.

Two Ounces of Seed to 100 Yards of Row. Eight Pounds to the Acre.

The drilling should take place when the Cherry is in bloom, and may be continued until early Autumn. If for horse culture, the rows should be 3 feet apart; if for hand culture, the rows should be 18 inches apart.

SINGLE.—Used as a pot herb. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 50c. By Express or Freight, not prepaid, lb. 40c.

FERN LEAVED.—Exquisitely curled, and as a culinary decoration very choice. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 75c. By Express or Freight, not prepaid, lb. 65c.

CHAMPION MOSS CURLED.—A variation of the Fine Curled; very desirable. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 75c. By Express or Freight, not prepaid, lb. 65c.

EMERALD.—Very superior; very fine curled and twisted leaf of deep-green color. A well-bred, very choice strain, short-jointed, tufted, certain to please. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.10. By Express or Freight, not prepaid, lb. \$1.00.

Parsnip.

Three Ounces of Seed to 100 Yards of Row. Eight Pounds to the Acre.


The Parsnip is a vegetable of merit, easily raised and of exceeding productiveness. It is a delicious table vegetable, and is famous in some districts as a food for swine. When the Apple is in blossom, sow in shallow drills in good ground deeply dug; cover the seed lightly. When the plants are up 2 or 3 inches, thin them to stand 4 inches asunder. Yield 300 to 700 bushels.

BLOOMSDALE, 80 DAYS.—The Bloomsdale is the best-bred and handsomest Parsnip to be found—it is half-long, wedge-shape, hollow-crowned and very broad at the shoulders, easily taken out of the ground, and producing more tons to the acre than the longer and more slim varieties. Do not confound this with common stock which produces **slim roots**, forked, and so long as to be next to impossible of extraction from the ground. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 60c. By Express or Freight, not prepaid, lb. 50c.

SUGAR, HOLLOW CROWNED, OR CUP.—An old variety. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 45c. By Express or Freight, not prepaid, lb. 35c.



MOSS CURLED PARSLEY.

The reader's attention is pointedly directed to all varieties marked with a pointer, thus 

Peas.

That bed of flowers illustrated in the Novelty pages will brighten home all Summer—costs only 25 cts.

ALL SORTS IN VERY SHORT SUPPLY.

Three Quarts of Seed to 100 Yards of Row. Two Bushels to the Acre.

Peas are among the first seeds that may be sown at close of Winter, frequently being planted before sharp frosts are fully over. The drilling of Peas may be safely commenced when the Peach is in bloom, and continued at intervals up to within sixty days of frost for the early kinds, or seventy days for the intermediate varieties, or eighty days for the later sorts. Late-sown Peas are never as productive as those sown in the Spring, and often are found to be subject to mildew. Landreth's Extra Early will be found to be the best for August and September sowings, because of its early ripening habit and its ability to resist mildew. The dwarf varieties may be drilled at 2 feet if cultivated by horse power, or 15 inches if to be hoed by hand. The varieties of medium length should be drilled not closer than 3 feet, and the tall-growing sorts at 5 feet apart. The number of Peas in a row may vary from 10 to the foot, in the case of the very dwarf kinds, to 8 to the foot of the medium tall varieties, and 6 to the foot of the very tall kinds. Yield 100 to 300 bushels. At Philadelphia the highest average price paid by Commission Merchants for Early Peas is from \$3.00 to \$4.00 per bushel, and the highest price paid for late varieties is \$1.50 to \$2.00 per bushel, while the price sometimes is as low as 50 to 80 cents per bushel. Early Peas are not grown profitably at less than 80 cents per bushel, nor late Peas at less than 60 cents per bushel. The Pea thrives best in light loamy soil; the early and dwarf sorts demand rich ground.

EXTRA EARLY PEAS.

 **LANDRETHS' EXTRA EARLY** (see Novelties and Specialties).—Pkt. 10c.; pt. 30c.; qt. 50c. By Express or Freight, not prepaid, 4 qts. \$1.20; peck \$2.10; bush. \$6.75.

ALASKA, 49 DAYS.—A green-seeded Extra Early Pea. Very desirable. Pkt. 10c.; pt. 25c.; qt. 45c. By Express or Freight, not prepaid, 4 qts. \$1.00; peck \$1.80; bush. \$5.75.

AMERICAN WONDER, 52 DAYS.—Vine 6 to 8 inches high and very prolific in pods of striking form and size. In maturity it is among the first earlies. Pkt. 10c.; pt. 30c.; qt. 50c. By Express or Freight, not prepaid, 4 qts. \$1.25; peck \$2.20; bush. \$7.00.

NOTT'S EXCELSIOR, 54 DAYS.—An improvement on American Wonder, a shade earlier and larger podded. Vine almost identical. Pkt. 10c.; pt. 30c.; qt. 50c. By Express or Freight, not prepaid, 4 qts. \$1.25; peck \$2.20; bush. \$7.00.

TOM THUMB, 58 DAYS.—Vine bushy, growing to a height of 5 to 8 inches. Pkt. 10c.; pt. 25c.; qt. 45c. By Express or Freight, not prepaid, 4 qts. \$1.00; peck \$1.90; bush. \$6.00.

GRADUS.—Seeds wrinkled, pods very showy, large as Telephone, but far earlier, hardy. One of the best late introductions. A dwarf vine. Pkt. 10c.; pt. 35c.; qt. 65c. By Express or Freight, not prepaid, 4 qts. \$1.90; peck \$3.30.

INTERMEDIATE SORTS.

Fifty-four to Sixty Days from Germination to Edible Condition.

PREMIUM GEM.—An admirable second early, maturing for table 54 days from germination. Pkt. 10c.; pt. 30c.; qt. 50c. By Express or Freight, not prepaid, 4 qts. \$1.20; peck \$2.10; bush. \$6.75.

McLEAN'S ADVANCER.—A green, wrinkled variety, maturing in 55 days after sprouting; vine 18 inches high. Pkt. 10c.; pt. 25c.; qt. 40c. By Express or Freight, not prepaid, 4 qts. 90c.; peck \$1.55; bush. \$5.00.

PRIDE OF THE MARKET, 60 DAYS.—A round, blue Pea. Certainly one of the best of the late introductions. Height of vine, 15 to 18 inches. Pods of enormous size, borne nine to ten on a vine, and containing as many Peas in each pod. Pkt. 10c.; pt. 25c.; qt. 45c. By Express or Freight, not prepaid, 4 qts. \$1.00; peck \$1.90; bush. \$6.00.

STRATAGEM, 60 DAYS.—A blue, wrinkled, marrow, English dwarf Pea of rare excellence. Vine 20 to 24 inches, bearing six to seven immense pods of ten Peas each. Pkt. 10c.; pt. 25c.; qt. 45c. By Express or Freight, not prepaid, 4 qts. \$1.00; peck \$1.90; bush. \$6.00.

BLOOMSDALE PEAS.—Sixty days from planting. Sold by us to truckers as a grand early and steady picker, enormously productive in large pods containing nine to ten Peas in a pod. One of our customers in ordering Bloomsdale Peas, says that he found them the most productive variety he ever planted; that he realized an average price of \$1.00 per basket, or \$300 per acre. Pkt. 10c.; pt. 25c.; qt. 45c. By Express or Freight, not prepaid, 4 qts. 95c.; peck \$1.70; bush. \$5.45.

LATE SORTS.

Sixty to Seventy Days from Germination to Edible Condition.

SHROPSHIRE HERO, 65 DAYS.—A short, sturdy vine, bearing large, bold pods, well filled with big, marrow-like seeds. Pkt. 10c.; pt. 25c.; qt. 45c. By Express or Freight, not prepaid, 4 qts. 95c.; peck \$1.70; bush. \$5.50.

YORKSHIRE HERO, 60 DAYS.—A showy, wrinkled variety, maturing after the Little Gem. It is hardy, productive and better than Champion. Pkt. 10c.; pt. 25c.; qt. 45c. By Express or Freight, not prepaid, 4 qts. 95c.; peck \$1.70; bush. \$5.50.



Relative development of 39 varieties of Peas. All sown same day in parallel rows; all pulled the same day. The first nine in edible condition.

- | | | |
|----------------------------|----------------------------|----------------------------|
| 1. Extra Early. | 14. Duke of Albany. | 27. Forty-fold. |
| 2. Alaska. | 15. ——— | 28. Stratagem. |
| 3. Tom Thumb. | 16. Shropshire Hero. | 29. Hero. |
| 4. Exonian. | 17. Pride of the Market. | 30. Everbearing. |
| 5. American Wonder. | 18. Telegraph. | 31. Abundance. |
| 6. Nott's Excelsior. | 19. Paragon. | 32. Sutton's Satisfaction. |
| 7. Nutting's Green Marrow. | 20. Telephone. | 33. John Bull. |
| 8. Little Gem. | 21. Eugenie. | 34. Profusion. |
| 9. Blue Peter. | 22. Blue Imperial. | 35. Auvergne. |
| 10. Advancer. | 23. Evolution. | 36. Admiral. |
| 11. Duke of York. | 24. Improved White Marrow. | 37. Large White Marrow. |
| 12. Goliath. | 25. Sharpe's Victory. | 38. Black Marrow. |
| 13. Quantity. | 26. Champion. | 39. Juno. |

LANDRETHS' PHONOGRAPH, 60 DAYS.—Ripening with Everbearing and Abundance; twice as large in pods, which are straight, distended, very showy, and often saddle-backed. Exceedingly productive, uniform in ripening at about 60 days; an excellent table Pea, also used in canning. Pkt. 10c.; pt. 25c.; qt. 45c. By Express or Freight, not prepaid, 4 qts. 95c.; peck \$1.70; bush. \$5.40.

CHAMPION OF ENGLAND, 70 DAYS.—Wrinkled and very sugary. Pkt. 10c.; pt. 25c.; qt. 40c. By Express or Freight, not prepaid, 4 qts. 90c.; peck \$1.55; bush. \$5.00.

FORTY-FOLD (Improvement on Champion), 70 DAYS.—A third early variety. Pods large. Pea wrinkled and sugary. Pkt. 10c.; pt. 25c.; qt. 45c. By Express or Freight, not prepaid, 4 qts. 95c.; peck \$1.70; bush. \$5.50.

PEAS—Continued.

TELEPHONE, 65 DAYS.—Large, wrinkled seeds. Height of vine 3 feet, producing from seven to ten showy straight pods containing nine to ten Peas in a pod. Pkt. 10c.; pt. 30c.; qt. 50c. By Express or Freight, not prepaid, 4 qts. \$1.00; peck, \$1.85; bush. \$6.75.

TELEGRAPH, 68 DAYS.—Excellent sort, producing pods as large as Telephone and of a more reliable character; less liable to run out. Pkt. 10c.; pt. 30c.; qt. 50c. By Express or Freight, not prepaid, 4 qts. \$1.20; peck \$2.00; bush. \$6.50.

MAIN CROP LONG ISLAND MARROWFAT, 68 DAYS.—Used profitably by market gardeners in New Jersey in place of the old White Marrowfats; being productive, more showy in the basket and far better in flavor, the pods having somewhat the appearance of Telephone, but are earlier by four or five days, being ready to pick for market in sixty days after germination. Pkt. 10c.; pt. 30c.; qt. 50c. By Express or Freight, not prepaid, 4 qts. \$1.20; peck \$2.00; bush. \$6.50.

PEAS—EDIBLE SUGAR PODS.

Pods Used Same as Snap Beans.

DWARF PURPLE BLOSSOM.—Vine short, seeds gray. Pods maturing for table in 70 days. Pkt. 10c.; pt. 35c.; qt. 55c. By Express or Freight, not prepaid, 4 qts. \$1.45; peck \$2.50; bush. \$8.00.

TALL WHITE-SEEDED SUGAR.—Pkt. 10c.; pt. 35c.; qt. 55c. By Express or Freight, not prepaid, 4 qts. \$1.45; peck \$2.50; bush. \$8.00.

PEAS—SWEET FLOWERING,

To a greater extent than any other Ornamental Flower have been improved in form and color until now no garden is complete without them, as no flowers can be so cheaply, successfully and profusely grown, and no flowers provide more desirable table decorations, because of their rich and endless variety of high coloring and delicate tints. See also list of *Flower Seeds*.

Pepper.

One Ounce of Seed to 100 Yards of Row. Edible in 100 to 120 Days.

Start the plants under glass in early Spring, or outside when the Apple is in bloom, against the shelter of a board fence or garden wall. Transplant after Corn-planting time, setting in rows at 3 feet and 2 feet in the row. Under good cultivation 200 to 350 bushels should be grown to the acre. The best prices for Peppers are obtained after frost. Commission Merchants pay the truckers 40 to 50 cents per bushel for first picking, but later on the price increases.

SMALL CHILI RED.—Fruit red, small ovoid, very hot. Pkt. 5c.; oz. 25c.; ¼ lb. 85c.; lb. \$2.80. By Express or Freight, not prepaid, lb. \$2.70.

VERY SMALL CAYENNE.—Very superior to the old Cayenne. Exceedingly productive, bearing fruit all over the plant, as plentiful as foliage. Fruit 1 inch in length and very hot. Pkt. 5c.; oz. 25c.; ¼ lb. 75c.; lb. \$2.50. By Express or Freight, not prepaid, \$2.40.

CHINESE GIANT (see Novelties),—Pkt. 15c.

CAYENNE—Fruit 3 inches in length and slender; very hot. Pkt. 5c.; oz. 20c.; ¼ lb. 65c.; lb. \$2.25. By Express or Freight, not prepaid, lb. \$2.15.

GOLDEN BELL.—Similar in form to Sweet Spanish. Pkt. 5c.; oz. 20c.; ¼ lb. 65c.; lb. \$2.25. By Express or Freight, not prepaid, lb. \$2.15.

LARGE SWEET SPANISH.—The large, red variety generally used for Pickles. Pkt. 5c.; oz. 20c.; ¼ lb. 65c.; lb. \$2.25. By Express or Freight, not prepaid, lb. \$2.15.

RUBY KING.—A brilliant red, larger than Large Sweet, mild in flavor. One trucker of our acquaintance shipped to New York the past Summer the entire product of 30 acres and could have sold as many more. Pkt. 5c.; oz. 25c.; ¼ lb. 75c.; lb. \$2.50. By Express or Freight, not prepaid, lb. \$2.40.

CELESTIAL.—Very productive, some plants producing as many as 150 fruit, conical in shape, from 1 to 2 inches long. Fruit green from the blossom, turning alternately to lemon, golden and scarlet. Pkt. 5c.; oz. 25c.; ¼ lb. 75c.; lb. \$2.60. By Express or Freight, not prepaid, lb. \$2.50.

See also Novelties.

PLANTS.—For Transplanting—Ready February 1st. 60c. per 100, mailed. By Express, not prepaid, \$3.00 per 1000; \$20.00 for 10,000.
Pot-grown Plants—60c. per doz.; \$3.00 per 100, mailed.

Potatoes.

One Bushel of Potatoes Cut into Sections of 3 to 4 Pieces will Plant 400 Yards of Continuous Row.
An Acre will Yield from 100 to 400 Bushels.

SWEET POTATO PLANTS—Ready May and June. 60c. per 100, mailed. By Express, not prepaid, \$2.00 per 1000; \$16.00 for 10,000.

BARRELS.

The barrels we ship in are full diameter and standard measure. Potatoes are generally sold in straight-sided, undersized barrels, which no more have the capacity of a standard barrel than a peach basket that of a bushel, from which it has been gradually reduced. It is the practice with some seedsmen to purchase their Potatoes in full-sized barrels, and, transferring to small barrels, sell at a double profit. A barrel of Potatoes that does not weigh, when put up, 165 pounds net is a fraud, unless sold as a small barrel.

Our stock of Potatoes which we send out has gained us much celebrity for purity and good measure. Do not buy Seed Potatoes from blight-affected districts.

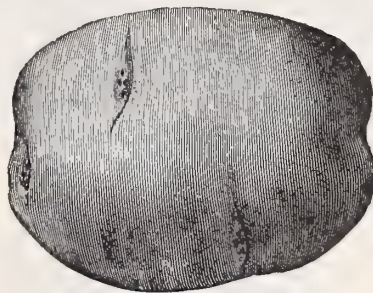
At pound rates we prepay postage. Pecks, bushels and barrels sent by Express or Freight, at expense of purchaser. No charge for barrel or cartage.

OHIO, JR.—This Potato has proven itself to be one of the finest early varieties. It is an excellent keeper, fine quality and very productive. The tubers chunky with full eyes, almost even with the surface. Price, lb. 25c.; 3 lbs. 60c.; 5 lbs. 90c. By Express or Freight, not prepaid, peck 50c.; bush. \$1.60; barrel \$3.75.

MAGGIE MURPHY.—A mid-season variety, producing fine, large Potatoes on light soil (too poor for other kinds). Tubers are oval, very large and well rounded. Eyes few and slightly depressed, skin light pink, flesh white. Price, lb. 30c.; 3 lbs. 75c.; 5 lbs. \$1.00. By Express or Freight, not prepaid, peck 75c.; bush. \$2.25; barrel \$4.50.

SIR WALTER RALEIGH.—This late or main crop Potato is a seedling of the Rural New Yorker, but it is very superior to its parent, so uniform in size that almost every Potato is marketable. Flesh is very white; many consider it the coming Potato for main crop. Price, lb. 25c.; 3 lbs. 60c.; 5 lbs. 90c. By Express or Freight, not prepaid, peck 40c.; bush. \$1.50; barrel \$3.50.

IRISH COBBLER.—Is the earliest Potato grown. One large grower says: "On our trial grounds it ripens more uniformly early than any other early sort; thirty-five plants yielded 42 lbs. bright, smooth, cream-white Potatoes of excellent quality, and with exactly the same treatment as Early Ohio, which yielded only 26½ lbs. a few days later. In our trial of 85 varieties, the Irish Cobbler yielded much better than any other extra early sort." Keeps well till Spring. When you consider its earliness, yield, handsome appearance and fine quality, the Irish Cobbler is the most desirable of all the early Potatoes. Remember, the Irish Cobbler is extra early, the very first in the market, large, productive, good yielder, skin netted, flesh white, and quality very superior. Don't fail to try it. Price, lb. 30c.; 3 lbs. 75c.; 5 lbs. \$1.00. By Express or Freight, not prepaid, peck 80c.; bush. \$2.50; barrel \$5.00.



IRISH COBBLER POTATO.

GREEN MOUNTAIN.—Ninety-four fold have been produced, or 235 bushels from 2½ bushels planted. This Potato possesses many good qualities, among which may be specially noted, its power of resistance to drought, its productiveness of tubers of uniform size and appearance, its thrift on poor soil without much fertilization, its freedom from disease before digging and freedom from rot in the cellar, its admirable keeping qualities till new crop Potatoes succeed it. Skin white, oval shape and a splendid cooker. Price, lb. 25c.; 3 lbs. 60c.; 5 lbs. 90c. By Express or Freight, not prepaid, peck 40c.; bush. \$1.50; barrel \$3.50.

CARMAN No. 3.—For late or main crop. Has but few eyes and they are near the surface, flesh and skin very white, uniform in size and shape, yields one-third more than Rural New Yorker or Carman No. 1. Price, lb. 25c.; 3 lbs. 60c.; 5 lbs. 90c. By Express or Freight, not prepaid, peck 40c.; bush. \$1.50; barrel \$3.50.

Invite your friends to
join you in sending for
SEEDS THAT SUCCEED.

Pumpkin.

The ten varieties of
vegetables shown on 4th
cover for only 65 cts.

VERY LIMITED CROPS OF SEED.

Two Quarts to the Acre. Hills Eight by Eight Feet.

The time for planting this seed varies from the first Corn-planting until probably a month subsequently. Later than that a successful crop cannot be expected, as this plant requires a long season of growth. When grown with Corn, every fourth hill of every fourth row may be planted in Pumpkin seed. During the working of the Corn the Pumpkin plants will stand unharmed, and after the Corn culture ceases the Pumpkin vines will extend over the field, covering it entirely if the soil be rich.

YELLOW CASHAW.—Large Yellow Crookneck, the best among the Pumpkins; weight as high as 60 to 100 pounds. Not the Winter Crookneck Squash—four times as big and ten times as desirable. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 85c. By Express or Freight, not prepaid, lb. 75c.

CHEESE.—A very good table variety. Shape flat, like a cheese box; a good keeper. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 75c. By Express or Freight, not prepaid, lb. 65c.

CONN. FIELD.—A large red fruit, slightly oval. Very productive. Used for canning. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 50c. By Express or Freight, not prepaid, lb. 40c.

YELLOW MONSTER.—A yellow sort, growing to a weight of 100 to 200 pounds; a grand sort to grow for exhibitions. Pkt. 5c.; oz. 25c.; $\frac{1}{4}$ lb. 70c.; lb. \$2.40. By Express or Freight, not prepaid, lb. \$2.30.



LOADING RADISH SEED IN THE FIELD.

Your Confidence will not be misplaced if you intrust to us the filling of your **Seed Order**. We have had years of experience in the Wholesale Trade and know what consumers want as to **Variety and Quality**.

Radish.

Some Other Catalogues are more showy and the descriptions of SEEDS and PLANTS more florid, often greatly exaggerated, but such other Seeds are no better, if as good. That question can be quickly decided by a trial of LANDRETH'S. We solicit such a trial.

Six Ounces of Seed will Plant 100 Yards of Row. Eight Pounds to the Acre.

Sow in a sheltered spot when the Cherry is in bloom, the earth being deeply dug, highly fertilized and raked free from clods and stones. Radishes grown on poor, thin soil cannot be made good; they will be misshapen and tough. To be good they must be grown quickly. Radishes can be forced by covering with a window or a sash.

Other Varieties will be found in the Novelty pages.

EARLIEST SORTS.

Seventeen to Twenty-five Days from Germination to
Edible Condition, According to Season.

SCARLET EARLY DEEP TURNIP-ROOTED, 19 DAYS.—Rich in color, smooth in skin. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 65c. By Express or Freight, not prepaid, lb. 55c.

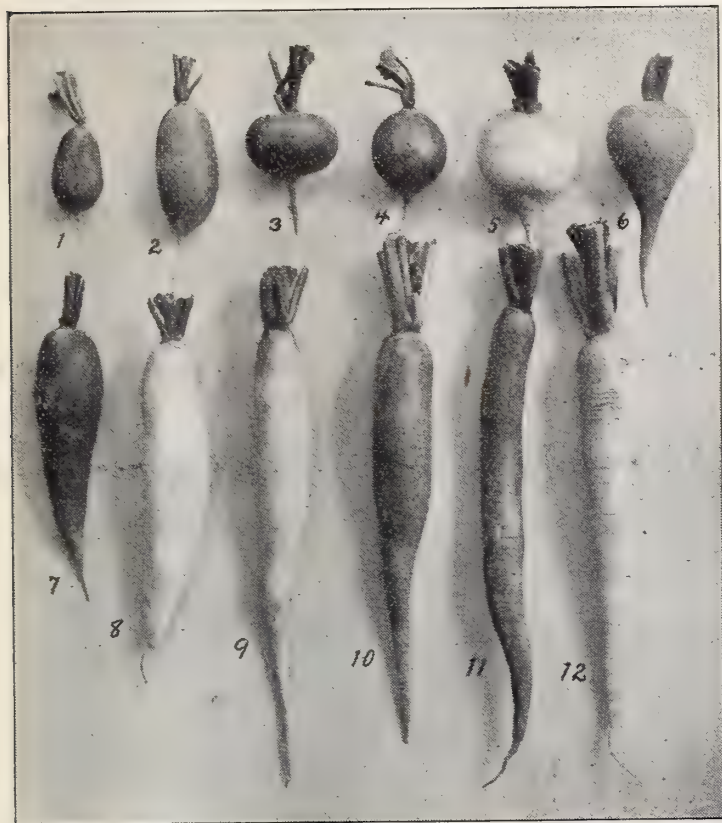
FRENCH BREAKFAST.—Olive-shaped, the upper part of the bulb scarlet, the bottom tipped with white. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 70c. By Express or Freight, not prepaid, lb. 60c.

SCARLET EXTRA EARLY WHITE-TIPPED FORCING, 18 DAYS.—Maturing for table two days ahead of the White-Tipped Scarlet. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 80c. By Express or Freight, not prepaid, lb. 70c.

EARLIEST WHITE SHORT-TOPPED TURNIP.—Seventeen days to maturity. The earliest white-rooted Radish, the best white for forcing, leaves being very few, short and closely set, bulbs very choice in form and delicate in texture and flavor. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 90c. By Express or Freight, not prepaid, lb. 80c.

RADISH—Continued.

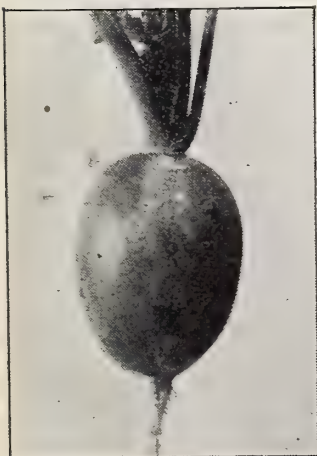
CARDINAL GLOBE.—As its name indicates it is of globular form and cardinal red, and to which may be added the merit of earliness, short leaves and adaptability to forcing. A variety largely used by market gardeners. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00. By Express or Freight, not prepaid, lb. 90c.



SUMMER RADISH.

- | | |
|------------------------------|-----------------------------|
| 1. French Breakfast. | 7. Wonderful. |
| 2. Scarlet Olive. | 8. Icicle. |
| 3. Red Turnip-Rooted (flat). | 9. White Ladyfinger. |
| 4. Scarlet Prussian Globe. | 10. Wood's Early Frame. |
| 5. Philadelphia White Box. | 11. Long Scarlet Short Top. |
| 6. Golden Globe. | 12. Chartier. |

SCARLET EARLY PRUSSIAN GLOBE.—Eighteen days to maturity. A small-leaved variety well adapted for forcing under glass; root round and carmine-colored, early, very attractive and desirable, fine for forcing. A new color and very choice. Every gardener should have it. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.05. By Express or Freight, not prepaid, lb. 95c.



SCARLET PRUSSIAN GLOBE.

SCARLET EARLIEST ERFURT TURNIP, 19 DAYS.—Among quickest maturing of the Red Turnip Radishes. Small root and small top; an excellent forcing variety. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.05. By Express or Freight, not prepaid, lb. 95c.

LANDRETHS' EXCELSIOR (see Novelties).—Pkt. 5c.; oz. 20c.; $\frac{1}{4}$ lb. 65c.; lb. \$2.00. By Express or Freight, not prepaid, lb. \$1.90.

FRENCH CAFE.—Edible in 20 days after planting, by which time it reaches a length of 2 inches. Skin brilliant scarlet; flesh white and crisp. Very choice. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.05. By Express or Freight, not prepaid, lb. 95c.

DEEP SCARLET OLIVE-SHAPED.—A showy, half-long variety. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 70c. By Express or Freight, not prepaid, lb. 60c.

BURLINGTON EARLY WHITE FORCING, 20 DAYS.—In shape flat to ovoid, color white, very quick in growth, superior for forcing under glass or growing in the open garden. Certain to give satisfaction to the most critical. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 90c. By Express or Freight, not prepaid, lb. 80c.

LANDRETHS' WHITE LADYFINGER.—Twenty-three days to maturity. A large white crisp variety, about half as long as Long Scarlet and similar in shape. A very desirable sort, decidedly the best of its kind ever introduced. An admirable market sort of nutty flavor. A novelty of merit. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 85c. By Express or Freight, not prepaid, lb. 75c.

WONDERFUL HALF-LONG RED, 23 DAYS.—So rapid in growth as to develop perfectly in 20 days. Grows about 3 inches long, contracting from a broad shoulder to a sharp point, very symmetrical and uniform in shape; color a bright scarlet and altogether a gem. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 70c. By Express or Freight, not prepaid, lb. 60c.

See also Novelty pages.

INTERMEDIATE SORTS.

Twenty-five to Thirty-five Days, According to Variety.

MARKET GARDENERS' EARLY LONG SCARLET.—Longer than Scarlet Olive and shorter than the old Long Scarlet. An admirable long variety for forcing, fully 10 days earlier than the Long Scarlet and very superior to it for that reason. Twenty-three days to maturity. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00. By Express or Freight, not prepaid, lb. 90c.

WOOD'S EARLY FRAME, LONG SCARLET.—Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 70c. By Express or Freight, not prepaid, lb. 60c.

LONG SCARLET SHORT-TOP.—The well-known market variety. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 60c. By Express or Freight, not prepaid, lb. 50c.

LONG WHITE ICICLE (see Novelties).—Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 90c. By Express or Freight, not prepaid, lb. 80c.

LONG BRIGHTEST SCARLET.—A half-long with white point. Very early, color a brilliant scarlet, almost unexampled in beauty. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 80c. By Express or Freight, not prepaid, lb. 70c.

EARLY LONG WHITE VIENNA.—An early long white variety of good quality. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 75c. By Express or Freight, not prepaid, lb. 65c.

PHILADELPHIA WHITE BOX.—White, short-leaved and Turnip-formed. Early to develop, named "Box" by reason of its adaptability for growing in boxes, hot or cold frames. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 70c. By Express or Freight, not prepaid, lb. 60c.



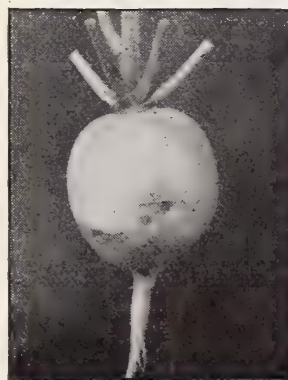
LONG BRIGHTEST SCARLET.

LATE SORTS.

Thirty-five to Fifty Days, According to Variety.

SUMMER WHITE (Third Early).—This is a choice top-shaped variety, resisting the heat of Summer and maturing after other varieties have passed away. It is cone-shaped, the under portion of the bulb being somewhat pointed. The bulb retains its edible quality longer than most other Radishes. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 70c. By Express or Freight, not prepaid, lb. 60c.

GOLDEN GLOBE (Fine for Summer).—The best Summer Radish. Shape globular, color amber, flavor mild, keeping long in eating condition. Twenty-five days to maturity. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 70c. By Express or Freight, not prepaid, lb. 60c.



WHITE BOX RADISH.

ROUND SCARLET CHINA.—Red all over, round. Good either when very small or when full grown. Suitable for both Spring and Autumn keeping. Can be kept the entire Winter. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00. By Express or Freight, not prepaid, lb. 90c.




STRASBURG.

RADISH—Continued.

CHARTIER, OR LONG ROSE (Second Early).—In color the greater length of the root is scarlet and pink, while the point and bottom portions are white. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 80c. By Express or Freight, not prepaid, lb. 70c.

WHITE STRASBURG, OR HOSPITAL.—Long in form, white, early to develop to edible size, and keeping in edible condition for 5 or 6 weeks. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 80c. By Express or Freight, not prepaid, lb. 70c.

Thirty-five to Fifty Days from Germination to Edible Condition.

 **CELESTIAL, OR CHINESE HALF-LONG STUMP.**—Pure white, in shape somewhat resembling a half-long stump-rooted Carrot. A quick variety, very tender and agreeable in flavor. Catalogued by some seedsmen as Chinese Celestial. This can be used either as a Spring, Summer, Autumn or Winter Radish. A sort of unusual merit. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 80c. By Express or Freight, not prepaid, lb. 70c.

STUTTGART ROUND WHITE TURNIP.—A very superior early white Summer and Autumn Radish, growing to large size and long standing in character; form top-shaped. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 70c. By Express or Freight, not prepaid, lb. 60c.

ALL SEASONS (see Novelties).—Its name indicates that it is a variety suitable for early Spring, Summer or Autumn. It is a Cherry-red Globe, 1 or 2 inches in diameter, edible at all stages from 40 to 70 days. It most nearly resembles a China Rose, but is superior.

When grown as a Winter sort, it develops to a large size, and will keep in perfect condition for months. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. \$1.00. By Express or Freight, not prepaid, lb. 90c.



CELESTIAL.

WINTER SORTS.

Fifty to Seventy-five Days, According to Variety.

SCARLET CHINA WINTER.—A fine Winter sort; root a half-long stump of from 2 to 3 inches; scarlet and pink in color, tipped with white; quite salable in market during Winter. Keeps perfectly. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 80c. By Express or Freight, not prepaid, lb. 70c.

KREWSON OBLONG BLACK.—An Autumn growing sort of deep black skin, and keeping throughout the Winter as well as a Ruta-Baga. Mild in flavor. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 45c.; lb. \$1.60. By Express or Freight, not prepaid, lb. \$1.50.

RUSSIAN LONG WHITE WINTER.—A Winter Radish, sometimes reaching a weight of 3 pounds, and keeping long in edible condition. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 80c. By Express or Freight, not prepaid, lb. 70c.



WINTER RADISH.

- | | |
|----------------------------------|---------------------------|
| 1. Celestial White Stump-Rooted. | 5. Round White Stuttgart. |
| 2. China Rose. | 6. Long White Spanish. |
| 3. Long White Strasburg. | 7. Long Black Spanish. |
| 4. Round Black Spanish. | 8. White Russian. |

ROUND BLACK SPANISH.—Forty days to maturity. A Winter Radish, cultivated in Autumn and keeping like a Potato in good condition for months after harvesting. Though the outside skin is black, the flesh is white as snow, very crisp and of good flavor. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 60c. By Express or Freight, not prepaid, lb. 50c.

LONG WHITE SPANISH.—Valuable for Winter use. Should be better known. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 60c. By Express or Freight, not prepaid, lb. 50c.

LONG BLACK SPANISH.—Differing from the White Spanish only in color. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 60c. By Express or Freight, not prepaid, lb. 50c.

Rhubarb.

Four Ounces of Seed will Sow 100 Yards.
Ten Pounds to the Acre.

Propagated by buds from old roots or from seed. To raise seedlings sow the seed when the Cherry is in bloom, in rows at 1 foot, and thin the plants to 10 inches. To set the seedlings or the buds from old roots, mark out the ground 3 x 4 or 4 x 4 feet, preparing a rich bed for each plant.

Success can only be attained on well-manured ground. The fertilizing cannot be overdone.

Sow seed in the seed-bed early in the Spring, and transplant in the Autumn or ensuing Spring to any desired situation, allowing the plant 3 feet square space. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 55c.; lb. \$1.80. By Express or Freight, not prepaid, lb. \$1.70.

We supply roots as well as seed. They continue vigorous many years. They are shipped only by express at expense of purchaser, being too heavy for the mails.

RHUBARB ROOTS.—Each, 10c.; doz. 75c.; 100, \$5.00.

Salsify, or Oyster Plant.

Edible 90 Days after Planting.

This plant produces an edible root long and slim, white-fleshed and smooth white skin. Leaves gray-green, long, straight and narrow. It is a native of the South of Europe, but only within the present century used as a culinary vegetable. Sow when the Cherry is in bloom, in drills, in *deeply dug and well-manured ground*; the drills should be 18 inches apart. When the plants are up a few inches weed and thin them so as to stand 4 or 5 inches from each other. Preserve in pits, same as Carrots or Beets. Cultivate in all respects as directed for Carrot. Requires deep, rich land. Yield 100 to 150 bushels.

SANDWICH ISLAND.—A variety superior to the French sort, producing smoother, larger and more vigorous roots, foliage stronger, and altogether a sort destined to supersede the old form. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 35c.; lb. \$1.25. By Express or Freight, not prepaid, lb. \$1.15.

Your Confidence

Will not be misplaced if you intrust to us the filling of your

SEED ORDER

We have had years of experience in the Wholesale Trade and know what Consumers want as to Variety and Quality.

Scullions.

From Sets.

These are obtained by planting White Onion Sets in the Autumn or Spring, the partially developed growth in the Spring affording those immature plants termed Scullions, sometimes sold as Leeks; the white roots and half green stalks being very palatable and healthy.

Scullions from Seed.

Onion Seed to produce Scullions can be sown in the Autumn, in sections not mountainous, located south of the Potomac or Ohio Rivers. It should be of a white variety.

The plants so grown from seed to be pulled up in early Spring and bunched, roots, necks and tops, as in illustration.

For this purpose we have a variety which has proved adapted to the purpose intended, and which we offer as **White Scullion Seed**. Pkt. 5c.; oz. 25c.; $\frac{1}{4}$ lb. 80c.; lb. \$2.60. By Express or Freight, not prepaid, lb. \$2.50.



SCULLIONS.

Sage Roots.

HOLT'S MAMMOTH.—A large-leaved variety that will come in general use. It spreads rapidly, never runs to seed, and when once planted will take care of itself. 15c. each, mailed. By Express or Freight, not prepaid, 60c. per doz.

Spinach.

Six Ounces of Seed to 100 Yards of Row. Thirty Pounds to the Acre. Edible in 40 to 60 Days.

This seed may be sown late in Autumn, or in the Spring when the Cherry is in bloom. When it can be grown it is always acceptable. It may be sown when the Peach is in bloom, in drills at 1, 2 or 3 feet, or broadcast, which is the usual system. If sown in drills, 6 ounces of seed will sow 100 yards of row, or a square equal to 10 x 10 yards if sown broadcast. Yield 200 barrels.



BLOOMSDALE SPINACH IN SEALED BLUE MUSLIN BAGS.

BLOOMSDALE SPINACH, 40 DAYS.—*Earliest Cutting of any Sort.*
—This is a form of Spinach superior to other sorts because of its leaves being curled, twisted and bloated to an unusual degree, this curled quality giving the leaves an elasticity especially fitting them for shipment to long distances, while at the same time giving the crop large measuring qualities, many more barrels of the Bloomsdale Spinach being cut to the acre than any other variety, and thus adding an increased profit to the shipper. It is especially recommended for Autumn sowing, as when sown in Springtime it shoots to seed early. The Bloomsdale Spinach is put up in blue muslin bags of 5, 10, 20, 30 and 40 pounds, fastened with copper wire and lead-sealed with our "Bell" trade-mark to distinguish it from imitation and spurious stock. On good soil 150 barrels of BLOOMSDALE SPINACH should be cut to the acre. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 50c. By Express or Freight, not prepaid, lb. 40c.



BLOOMSDALE SPINACH.

ROUND SAVOY LEAVED.—Sold by other houses as **Bloomsdale.** We here offer seed of Spinach of that variety which is sold by other seedsmen as Bloomsdale Spinach at a low price. Bloomsdale Spinach cannot be sold at a low price, but to those who are looking for a cheaper article we recommend this. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 40c. By Express or Freight, not prepaid, lb. 35c.

PRICKLY SEEDED, CURLED.—The strain we offer is only inferior to the Bloomsdale. The past season it proved *superior in a remarkable degree* to a large number of samples of Round Dutch, procured for experimental purposes. We do not hesitate to recommend it either to the family or market gardener. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 35c. By Express or Freight, not prepaid, lb. 25c.

EVER READY, 50 DAYS.—So named because it continues in cutting condition three weeks longer than the latest. A variety of most superior qualities; leaves dark in color, more pointed, short jointed, resisting cold and the most intense heat. Very reliable and of distinct appearance. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 50c. By Express or Freight, not prepaid, lb. 40c.

LONG STANDING ROUND SEED.—A prostrate variety of thick leaves and dark color. Slow to shoot to seed. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 35c. By Express or Freight, not prepaid, lb. 25c.

VIROFLAY, 48 DAYS (Monstrous Leaved).—A mammoth sort of fair quality, used largely in Europe. Requires high manuring. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 45c. By Express or Freight, not prepaid, lb. 35c.

VICTORIA.—A long standing sort, dark leaved. Compact growth. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 45c. By Express or Freight, not prepaid, lb. 35c.

Squash.

THE SEED CROPS OF 1902 HAVE BEEN EXCEEDINGLY LIMITED.

Three Ounces of Seed will Sow 100 Yards of Row. Three Pounds to the Acre.

This seed may be planted first when the Apple is in bloom, and for several weeks subsequently, but not later with much hope of success. It is always planted in hills at 4 x 4 feet for the bush varieties, and 6 x 6 or 6 x 8 feet for the long running sorts.

EARLY WHITE BUSH.—The "Cymling" of the Southern States, maturing fruit for table fifty days from germination. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 90c. By Express or Freight, not prepaid, lb. 80c.



EXTRA EARLY WHITE BUSH AND GOLDEN SUMMER CROOK-NECK SQUASH.

EXTRA EARLY YELLOW BUSH, 40 DAYS.—Earlier by a week than the ordinary White Bush or Cymling, maturing fruit for table use in forty days from germination, exceedingly productive and profitable to the market gardener. The fruit, when young and waxy, is yellow. The vine will cover a space 2 or 3 feet in diameter, according to the soil and fertilizer. It will do well on light thin soils. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 75c. By Express or Freight, not prepaid, lb. 65c.

GOLDEN SUMMER CROOK-NECK, 40 DAYS.—Among the best of the Summer Squashes, golden in color. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 75c. By Express or Freight, not prepaid, lb. 65c.

LARGE BOSTON MARROW.—A meaty selection intended to count in the factory. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 75c. By Express or Freight, not prepaid, lb. 65c.

HUBBARD.—Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.10. By Express or Freight, not prepaid, lb. \$1.00.

WARTY HUBBARD.—Different from the old form of Hubbard, in being covered with warts. A favorite with the market gardener. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 35c.; lb. \$1.20. By Express or Freight, not prepaid, lb. \$1.10.

Blight Preventative for Egg-Plants and Tomatoes.

Last year I lost 20,000 Egg-Plants in the seed-bed by damping off. This year I sowed Landreths' Seed in three ways:
First lot I sowed the dry seed and the seedlings all damped off—disease killed every one.
Second lot I immersed in Bordeaux Mixture. All but 10 per cent. damped off.
Third lot I soaked for 48 hours in Bordeaux Mixture and the seedlings all lived and are healthy yet.

C. B. WAINWRIGHT, *Lemon City, Fla.*

Tomato.

One Ounce of Seed will Sow 100 Yards. Ripening for Table 90 to 120 Days from Sowing,
According to Variety and Season.

When the Apple is in bloom sow in hills three feet apart, on a warm border, early in the Spring. For a later supply, sow a short time afterwards in a more open situation. As the plants advance in growth support them by brushwood. To have the Tomato *very early* it is necessary to start the plants in a hotbed, or they may be reared in a flower-pot in a window and subsequently transplanted.

Plants for an early crop should be raised under glass. For intermediate crop they may be raised on outside beds. For late crops the seed may be planted in permanent position when the Apple is in bloom. The average production of fruit per acre on cultivated and fertilized land is about 14,000 pounds, or say 250 bushels per acre, though 18,000 or 20,000 pounds have been raised.

Southern Florida Tomatoes reach Philadelphia in February, and command \$4.00 to \$6.00 per bushel. By April the rates decline to \$3.00 to \$5.00, and continue to decline till June, after which they fail to meet the cost of transportation. 40c. to 80c. per bushel is an average price, 20c. to 35c. per bushel for late crops. This crop ceases to be profitable to the trucker unless he can realize 16c. per bushel. They are very often a drug in the market. Tomato-canning houses buy the fruit by the ton at from \$6.00 to \$7.00. For seed purposes alone we have washed cut over 40,000 bushels of fruit in a single season.

PLANTS.—Pot Grown.—60c. per doz.; \$2.75 per 100, mailed. **From Seed-beds.**—Ready February 1st, by Express, not prepaid, \$1.50 per 1000. **From Cold Frames.**—Ready April 1st, 50c. per 100, mailed. By Express, not prepaid, \$1.75 per 1000. **Field Grown.**—Ready May 10th, 40c. per 100, mailed. By Express, not prepaid, \$1.50 per 1000; \$10.00 for 10,000.

All vegetable plants in large quantities are shipped at risk of purchaser.



LANDRETHS' EARLIEST.—Introduced in 1897. Very productive in fruit, larger, smoother and more solid than any other Extra Early Tomato of equal earliness. Color a good red. An excellent sort for truckers for early market profit. (See Novelties.) Pkt. 20c.; oz. 60c.; ¼ lb. \$1.95; lb. \$6.50. By Express or Freight, not prepaid, lb. \$6.40.

EXTRA EARLY RICHMOND, 90 DAYS.—Among the earliest of Tomatoes. Fair size but not smooth. A profitable variety for shipment before more approved varieties come into bearing, and consequently a favorite in trucking districts in New Jersey. We have never seen an earlier Tomato under any name. In shipping qualities, none can compare with the Richmond. It carries better than the more solid, smoother and showy sorts, which by their very perfection are difficult to transport without bursting if ripe. Pkt. 5c.; oz. 40c.; ¼ lb. \$1.30; lb. \$4.30. By Express or Freight, not prepaid, lb. \$4.20.

EARLY JERSEY, 100 DAYS.—One of the best among the extra early sorts. Fruit good size, flattened, solid but a little rough; color red, vines very close-jointed and compact and admitting of close planting, fruit borne near the root and in clusters, sometimes 50 or 60 to a vine. Very desirable as a first early, doing well on light soils. Pkt. 5c.; oz. 25c.; ¼ lb. 80c.; lb. \$2.90. By Express or Freight, not prepaid, lb. \$2.80.

EARLY BERMUDA, 100 DAYS.—This is a variety shipped from Bermuda in the early Spring to Boston, New York and Philadelphia. It is red, early, and though not by any means a first-class Tomato, has been found the most profitable of all varieties by reason of its tough rind, fitting it for long shipment. Recommended to truckers. Pkt. 5c.; oz. 25c.; ¼ lb. 80c.; lb. \$2.65. By Express or Freight, not prepaid, lb. \$2.55.

THE MONEY MAKER.—No other Tomato so quick to ripen and more money-making for early shipment to distant markets. Foliage silvery and large. Fruit borne in bunches, red, flattened, slightly irregular in form. An elasticity of character of fruit fitting it for long shipments. Will do well on light sandy soil. Pkt. 5c.; oz. 25c.; ¼ lb. 80c.; lb. \$2.65. By Express or Freight, not prepaid, lb. \$2.55.

ATLANTIC PRIZE.—An early red sort, very productive. Pkt. 5c.; oz. 25c.; ¼ lb. 75c.; lb. \$2.50. By Express or Freight, not prepaid, lb. \$2.40.

ACME, 105 DAYS.—An early ripener, size medium. Shape slightly oval and smooth. Color maroon or red with a slight tinge of purple; flesh deep scarlet and solid. A popular sort everywhere. Pkt. 5c.; oz. 20c.; ¼ lb. 60c.; lb. \$2.00. By Express or Freight, not prepaid, lb. \$1.90.

DWARF CHAMPION, 105 DAYS.—Stems short, thick, stiff, almost self-supporting. Leaves very dark in color, much curled and twisted. Fruit borne in showy clusters, quite large, nearly round, solid, red color with purple tint. By reason of its erect, stiff habit, transplanting with absolute certainty. Pkt. 5c.; oz. 30c.; ¼ lb. 90c.; lb. \$3.00. By Express or Freight, not prepaid, lb. \$2.90.

GRAPE, CHERRY OR CURRANT.—Fruit borne in clusters; very desirable for pickles or preserves. Ornamental. Pkt. 5c.; oz. 30c.; ¼ lb. 90c.; lb. \$2.90. By Express or Freight, not prepaid, lb. \$2.80.

BUCKEYE.—Large, red, solid, very showy. A new good sort. Pkt. 5c.; oz. 25c.; ¼ lb. 75c.; lb. \$2.60. By Express or Freight, not prepaid, lb. \$2.50.

GOLDEN TROPHY.—A bright yellow type of Trophy; large, early, solid. Pkt. 5c.; oz. 25c.; ¼ lb. 75c.; lb. \$2.50. By Express or Freight, not prepaid, lb. \$2.40.

T T T, OR TEN TON TOMATO, 110 DAYS.—Fruit deep red, large, round, half-flat, smooth as an Apple, free from green core or other imperfections; 20,000 pounds or 10 tons to the acre can readily be grown on any good Tomato soil. T T T stands for Ten Ton Tomato, the name being intended to imply ten tons to the acre. Even this may be very much exceeded, as we have ourselves grown 600 bushels of the fruit on an acre. The fruit in form is large, slightly flattened at both stem and blossom ends. Exterior smooth as an Apple. Color blood red. The fruit cut across or transversely shows a solid meaty interior, free from air spaces or hard core. It is a profitable variety to the farmer and the canner. Pkt. 5c.; oz. 25c.; ¼ lb. 75c.; lb. \$2.50. By Express or Freight, not prepaid, lb. \$2.40.

PEAR-SHAPED YELLOW.—Pkt. 5c.; oz. 25c.; ¼ lb. 70c.; lb. \$2.35. By Express or Freight, not prepaid, lb. \$2.25.

PEAR-SHAPED RED.—Pkt. 5c.; oz. 25c.; ¼ lb. 70c.; lb. \$2.35. By Express or Freight, not prepaid, lb. \$2.25.

LANDRETHS' SOUTH JERSEY (see Novelty pages).—Pkt. 5c.; oz. 40c.; ¼ lb. \$1.20; lb. \$4.00. By Express or Freight, not prepaid, lb. \$3.90.

CUMBERLAND EARLY RED.—Used in South Jersey by Tomato canners. A reliable cropper, solid, good color, a little rough but exceedingly productive. Pkt. 5c.; oz. 40c.; ¼ lb. \$1.15; lb. \$3.80. By Express or Freight, not prepaid, lb. \$3.70.

BEAUTY, 115 DAYS.—Well named. Fruit large and showy; color deep red with slight tone of purple; growing on the vines in clusters. Solid, meaty, smooth and free from rot or green core. Pkt. 5c.; oz. 25c.; ¼ lb. 70c.; lb. \$2.35. By Express or Freight, not prepaid, lb. \$2.25.

STONE, 115 DAYS.—A very superior sort, producing extraordinary thick, solid red fruit borne in bunches. Pkt. 5c.; oz. 20c.; ¼ lb. 60c.; lb. \$2.00. By Express or Freight, not prepaid, lb. \$1.90.

FAVORITE.—One of the largest perfect-shaped Tomatoes in cultivation. Dark red in color, ripening evenly and as early as any other smooth variety, holding its size to end of the season; very prolific, good flavor, few seeds and solid. Pkt. 5c.; oz. 20c.; ¼ lb. 60c.; lb. \$2.00. By Express or Freight, not prepaid, lb. \$1.90.

PARAGON.—Large, solid and smooth as an Apple. Deep red in color. Pkt. 5c.; oz. 15c.; ¼ lb. 55c.; lb. \$1.80. By Express or Freight, not prepaid, lb. \$1.70.

PERFECTION.—A superb Tomato, but so near the character of the Paragon as to be interchangeable with it. Pkt. 5c.; oz. 15c.; ¼ lb. 55c.; lb. \$1.80. By Express or Freight, not prepaid, lb. \$1.70.

PEACH (Second Early).—Named and introduced by us in 1885, and in appearance almost identical with some forms of Peaches both in shape and color. Pkt. 5c.; oz. 25c.; ¼ lb. 75c.; lb. \$2.50. By Express or Freight, not prepaid, lb. \$2.40.

IVORY BALL, OR GREEN GAGE.—A small round fruit, of one and a half inches in diameter, color bone-white, very early and productive. Pkt. 5c.; oz. 30c.; ¼ lb. 85c.; lb. \$2.85. By Express or Freight, not prepaid, lb. \$2.75.

PONDEROSA.—A monster purple fruit; quite rough and containing very few seeds. Pkt. 5c.; oz. 45c.; ¼ lb. \$1.35; lb. \$4.50. By Express or Freight, not prepaid, lb. \$4.30.

For other Varieties, see Novelty pages.

Turnip.

Three Ounces of Seed will Sow 100 Yards of Row. Four Pounds to the Acre. Matures for Table in from 60 to 90 Days, According to Variety and Season.

Turnip seed may be sown when the Peach is in bloom, or among the first seeds in early Spring; indeed, the only hope of a successful Spring crop is in an early start, as otherwise the period of maturity extends into hot weather, when the bulb becomes fibrous and pungent. Midsummer and early Autumn are the seasons for successful Turnip drilling, though frequently the conditions of the soil then are not favorable to satisfactory vegetation.

The seed of Cattle Turnips is always drilled in rows, while the early-maturing and surface-rooted Table Turnip is generally sown broadcast. We advise the sowing, either in drills or broadcast, of not less than 3 pounds to the acre to insure a satisfactory stand.

The Bloomsdale Swede, like other Ruta Bagas, is slower in growth than the rough-leaved Turnips, but produces roots more solid and more nutritious—less laxative and more fattening. The Ruta Baga is a gross feeder and will do best with 20 to 25 tons of stable manure to the acre; when it cannot be obtained apply 500 pounds of superphosphate.



TURNIPS.

- | | |
|------------------------------------|-------------------------------|
| 1. Red Top Flat. | 5. Green-Crowned Amber Globe. |
| 2. Early Dutch, or White Top Flat. | 6. Red-Crowned Amber Globe. |
| 3. Early Red Top Globe. | 7. Southern Snow White Globe. |
| 4. Jersey Lily. | 8. Yellow Aberdeen. |

EARLY FLAT RED, OR PURPLE TOP (Strap-leaved), 60 DAYS.—Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 50c. By Express or Freight, not prepaid, lb. 40c.

EARLY FLAT DUTCH (Strap-leaved).—Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 55c. By Express or Freight, not prepaid, lb. 45c.

LARGE EARLY RED TOP GLOBE, 65 DAYS.—*Large size, rapid growth, unusually attractive and admired by all. A very much heavier producer than either of the preceding. We confidently recommend it as an acquisition. Maturing in sixty-five days.* Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 60c. By Express or Freight, not prepaid, lb. 50c.

EARLY SNOWBALL (Extra Early).—This is a small white globe, very quick, earliest in maturity of its form and character. We highly recommend it for table purposes. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 75c. By Express or Freight, not prepaid, lb. 65c.

JERSEY LILY.—Early, globular in form, very showy and desirable; all white. Recommended for private and market garden. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 80c. By Express or Freight, not prepaid, lb. 70c.

LANDRETHS' SOUTHERN SNOW-WHITE GLOBE, 70 DAYS.—Color pure white; shape round, size large, solid, quick in growth for a large Turnip. Producing a great weight to the acre. In the Autumn and early Winter it is apt to be hard, but mellows like an Apple by keeping. We recommend this to stock breeders for early feeding, also for sowing at seasons too late to secure a crop of Ruta Bagas. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 60c. By Express or Freight, not prepaid, lb. 50c.

COW-HORN (Large Cropper).—This variety is pure white, excepting a dash of green at the crown, and in shape is long like the Carrot. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 75c. By Express or Freight, not prepaid, lb. 65c.

LANDRETHS' MARKET GARDEN RUTA BAGA (see Novelties).—Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 85c. By Express or Freight, not prepaid, lb. 75c.



BLOOMSDALE SWEDE, OR RUTA BAGA (Maturing in 90 Days).—The Bloomsdale is quite wonderful in its fine breeding. In nothing that we offer are the effects in selection and

in careful breeding so apparent as in this Ruta Baga. It appears almost as a plant of a distinct family, so far removed is it from the necky or top-rooted English forms. The Bloomsdale is delicate in texture, purple-crowned, golden-skinned, almost perfectly globular in form, and earlier to mature than any other known form of Ruta Baga. The leaves spring directly out of a rounded crown, the small rat-tail root terminating a symmetrical base. The Bloomsdale Swede will be found not only the best cattle-feeding Turnip, but the best Turnip for table use during Winter, being of fine texture and of fine flavor. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 80c. By Express or Freight, not prepaid, lb. 70c.

AMBER GLOBE, GREEN CROWNED, 75 DAYS.—This, which we introduced in 1863, is almost indispensable in every rural household. It is a vigorous, free grower, valuable for both table and cattle feeding. Productive and a good keeper. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 60c. By Express or Freight, not prepaid, lb. 50c.

AMBER GLOBE, RED CROWNED (see Novelties).—A selection from the older green-crowned Amber Globe. The same in all valuable particulars, but more ornamental by reason of the contrast in colors of yellow and red. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 75c. By Express or Freight, not prepaid, lb. 65c.

YELLOW ABERDEEN, OR SCOTCH YELLOW.—This is a highly approved Cattle Turnip, attaining a large size. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 50c. By Express or Freight, not prepaid, lb. 40c.

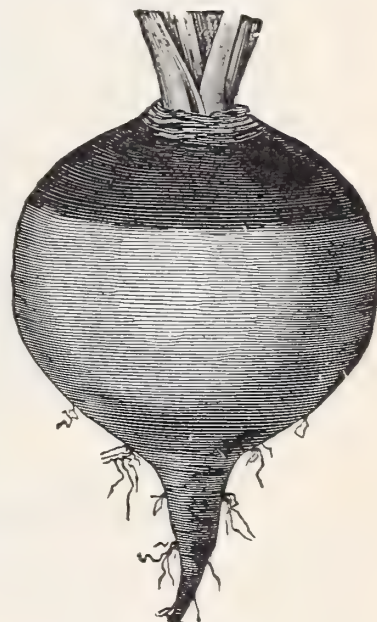
LANDRETHS' IMPROVED YELLOW-FLESHED PURPLE-TOP RUTA BAGA, 80 DAYS.—A hardy, ovoid-rooted sort of heavy cropping habit—flesh yellow, solid, crown deep purple, foliage vigorous. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 50c. By Express or Freight, not prepaid, lb. 40c.

CHAMPION SWEDE, OR YELLOW RUTA BAGA (Imported).—A superior English-grown Ruta Baga, but not equal to the Bloomsdale Swede. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 50c. By Express or Freight, not prepaid, lb. 40c.

DIXIE LAND.—A form of Turnip for Winter Greens. No variety producing tops so entirely proof against frost. The foliage a deep blue green, the root oval, smooth, white and tender. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 50c. By Express or Freight, not prepaid, lb. 40c.

SEVEN TOP (For Greens or Salads).—This may be left standing in the open ground during Winter as far north as Philadelphia. In the Southern States it yields in the Spring abundant foliage for boiling with cured meats, and is in much demand. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 15c.; lb. 50c. By Express or Freight, not prepaid, lb. 40c.

See also Novelty pages for other Varieties.



BLOOMSDALE SWEDE.

MARKET GARDENERS

Cannot do better than with LANDRETHS' SEEDS. They are the acknowledged Standard and so referred to by all other Seed Houses. Special prices to Market Gardeners on application.

SIMPLY SUGGESTIVE OF IDEAS FOR THE CONSIDERATION OF A BEGINNER.

LENGTH 150 FEET.

WIDTH 48 FEET.

DISTANCE OF ROWS APART IN FEET.

RADISH :
8-in. rows ;
3 oz.

Pepper.	1/2	ounce.
Pumpkin	2	ounces.
Radish	6	"
Rhubarb.	4	"
Salsify.	4	"
Spinach	6	"
Squash	3	"
Tomato	1	ounce.
Turnips	3	ounces.

KEEP
THIS.

KEEP
THIS.

Parsnip in drills @ 2½ feet	5 lbs.
Pepper plants 2¼ x 1 feet	17,500
Pumpkin in hills 8 x 8 feet	2 qts.
Parsley in drills @ 2 feet	4 lbs.
Peas in drills, short varieties	2 bush.
Peas in drills, tall varieties	1 to 1½ bush.
Peas in drills, broadcast	3 bush.
Potatoes	10 bush.
Radish in drills @ 2 feet	8 lbs.
Rye, broadcast	2 bush.
Rye, drilled	1½ bush.
Salsify in drills @ 2½ feet	10 lbs.
Spinach, broadcast	30 lbs.
Squash, Bush, in hills 4 x 4 feet	3 lbs.
Squash, Running, in hills 8 x 8 feet	2 lbs.
Sorghum	4 qts.
Turnips in drills @ 2 feet	2 lbs.
Turnips, broadcast	2½ lbs.
Tomatoes in frame	3 oz.
Tomatoes, seed in hills 3 x 3 feet	8 oz.
Tomatoes, plants	3800
Wheat in drills	1½ bush.
Wheat, broadcast	2 bush.

Field and Agricultural Seeds, Etc.

ASK US PRICE FOR ANYTHING YOU WANT.

The list below comprises only a small portion of the Field Seeds and Sundries we carry in stock and the prices quoted are subject to fluctuations.

Our Customers may always depend upon getting the lowest prevailing prices. If you don't see what you want, write to us about it. Latest quotations promptly given upon application. At pound or quart, postage will be prepaid.

Pecks, bushels, 100 pounds, and implements by Express or Freight, at expense of purchaser.

BIRD SEEDS AND FOODS.

Mixed Bird Seed.—The Seed, thoroughly re-cleaned and free from dirt, is put up in one-pound packages. These packages contain a mixture of Canary, Millet and Rape Seed in correct proportions, with a separate package of Hemp Seed (to be given occasionally), also a piece of Cuttlefish Bone, thus comprising everything necessary for the sustenance of Cage Birds, and we feel certain they will give entire satisfaction to our customers. . . . per lb. \$0.15

Canary Seed Unmixed.	per lb.	15
Hemp Seed	per pt.	15
Lettuce Seed	per lb.	25
Maw Seed	per lb.	25
Mill t, Bird	per pt.	20
Rape, English	per lb.	25
Rape, German Summer	per lb.	25
Rice, Unhulled, for Java Sparrows.	per lb.	20

BROOM CORN.

Evergreen per 100 lbs., \$5.00; per lb. 20

BUCKWHEAT.

Japanese per bush., \$1.25; per lb. 15
Silver Hull per bush., 1.25; per lb. 15

COTTON SEED.

Extra Early Carolina, per bush., \$4.25; per lb. 45
New Orleans per bush., 4.25; per lb. 45
Sea Island per bush., 4.50; per lb. 30
Upland per bush., 4.00; per lb. 40

FERTILIZERS.

Landreth's Lawn Fertilizers.

Manufactured from the private formula of the firm, and of the best materials. Apply broadcast, just before or during a rain, at the rate of 800 lbs. to the acre.

5 lbs.	\$0.25	100 lbs.	2.00
10 lbs.	40	200 lbs.	3.75
25 lbs.	75	Ton	34.00
50 lbs.	1.50		

These prices are for Fertilizers delivered at Express or Freight office, Philadelphia. For other Fertilizers see our General List, free upon application.

FLAX SEED . . . per 100 lbs., \$5.00; per lb. 15

HOTBED CLOTH.

Delivered at Express or Freight office, Philadelphia.

Light Grade, per yard., 4c.; by the piece of 68 yards	per yd.	3½
Medium Grade, per yard, 8c.; by the piece of 50 yards	per yd.	7
Heavy Grade, per yard, 10½c.; by the piece of 40 yards	per yd.	10
Extra Heavy	per yd.	20

MILLET.

French	per lb.	20
German, Southern	per bush., \$1.50; per qt.	20
Hungarian	per bush., 1.20; per qt.	20
Pearl, or Cattail	per 100 lbs., 12.00; per lb.	25

HEMP SEED . . . per 100 lbs., \$4.50; per lb. 15

IMPLEMENTS.

Insect Powder Guns, Large, mailed	each	40
Insect Powder Guns, Small, mailed	each	20
Iron Age, No. 12, Wheel Plow and Cultivator, 3.00		
Iron Age, No. 1, Double Wheel Hoe		6.00
Paris Green Sifter	each	20
Planet, Jr., No. 3, Seeder		10.00
Planet, Jr., No. 3, Seeder and Wheel Hoe		11.00
Planet, Jr., No. 11, Double Wheel Hoe		8.50

Planet, Jr., No. 15, Single Wheel Hoe	\$6.50
Mole Traps, Wrought Iron—Imported	each 30
Mole Traps, Olmstead Pattern	each 1.50
Rat Trap, Out of Sight	each 1.00
Seed Drills, New Model	each 6.50
Seed Sower, Cahoons', Hand	each 3.50
Water Bellows	each 2.00
Gem Single Wheel Hoe	3.75
Gem Double Wheel Hoe	4.50

INSECT DESTROYERS.—Special list upon application.

POULTRY SUPPLIES.—Special Price List of Incubators, Brooders, Foods, Fountains, etc., sent free upon application.

PEAS.—Field Varieties.

Cow Peas, in variety per bush. 2.25

RAPE SEED.

Dwarf Essex per 100 lbs., \$11.00; per lb.	25
German per 100 lbs., 11.00; per lb.	25

RICE.

Unhulled, Freight or Express, not prepaid, 8c. per lb.; mailed,	20
Wild, Freight or Express, not prepaid, 30c. per lb.; mailed,	40

RAFFIA.—For tying up plants, bunching Asparagus, a very serviceable article . . . per 100 lbs., \$16.00; per lb. 30

RYE.

Thousand-Fold.—A very strong grower, tillering out better than any other sort and consequently drilled thinner, only six quarts being required to sow an acre. The straw grows seven feet high, and has grown eight, producing forty bushels to the acre. The seed is quite white, per bush. 1.25

Spring per bush. 1.30

SHEARS.—Hedge Shears.—Add 16c. per lb. for postage, or can go by Express, not prepaid.

7½ inch, plain, Weight 3 lbs.	1.25
8 inch, with notch, " 3 "	1.50
9 inch, with notch, " 3¼ "	2.00
10 inch, with notch, " 4 "	2.25
11 inch, with notch, " 5 "	2.50
12 inch, with notch, " 6 "	3.00
Hedge Knives, " 3¼ "	each 1.50

Besides the above, we can supply Grass or Border Shears, Lawn Shears, Hand and Pole Pruning Shears, Imported Lopping Shears, Flower Shears and Scissors. Prices upon application.

SOAP.

Carbolic and Whale Oil	per cake, 15
Carbolic Soap	per cake, 15
Fir Tree Oil Soap, ½ lb., 35c.; 2 lbs., \$1.00; 5 lbs., \$1.75	10 lbs. 3.25
Tobacco and Whale Oil Soap, Aphia brand,	per cake, 15
Whale Oil Soap, 10c. per ½ lb.; 20c. per lb.; 2 lbs., 35c.	5 lbs. 50

SUNFLOWER, RUSSIAN per lb. 15
By Express or Freight, not prepaid, per 25 lbs., \$1.25; per 100 lbs. 4.50

SORGHUM.—Grown both for molasses and forage. In Kansas 500,000 acres are grown principally for forage.

Early Amber.—This variety of cane is of extra early maturity, and is, therefore, infinitely superior to other varieties which ripen so late as to afford but little time for pressing between the periods of maturity and frost. per 100 lbs., \$5.50; per lb. \$0.15

Early Orange.—Fuller than the Amber, thicker in stem, more foliage. per 100 lbs., \$5.50; per lb. 15

TOBACCO SEED.—Like all other cultivated plants, Tobacco has its various forms, qualities and assortments. Red clay subsoils with rich top soils generally produce the best dark, rich export Tobacco. Soils composed of sand or gravel with subsoil of light brown or red clay develop the best stemming Tobacco and fillers. Flat lowlands of alluvial soil give the best cigar types. Limestone soils, dark and rich, are the only soils adapted to White Burleigh, which when well grown is very choice. Slaty soils produce the best quality of the yellow wrapping sorts.

SEED (TO PRODUCE)—YELLOW PLUG WRAPPERS.

Long-Leaved Growth.

Yellow Orinoco . . . per lb., \$2.00; per oz. 20

SEED (TO PRODUCE)—DARK PLUG WRAPPERS.

Broad-Leaved Growth.

Hester	per lb., \$2.00; per oz.	20
Tuckahoe	per lb., 2.00; per oz.	20

SEED (TO PRODUCE)—SLUG FILLERS.

Big Frederick per lb., \$2.00; per oz.	20
Burleigh	per lb., 2.00; per oz. 20
Sweet Orinoco per lb., 2.00; per oz.	20

SEED (TO PRODUCE)—CIGAR FILLERS.

Landreth.—Early, large, thin, silky, enormously productive and bringing highest price among the Tobacco dealers in Pennsylvania . . . per lb., \$2.00; per oz. 20
Acclimated Havana . per lb., 2.00; per oz. 20
Connecticut Seed Leaf, per lb., 2.00; per oz. 20

SEED (TO PRODUCE)—CIGAR WRAPPERS.

Landreth.—Early, large, thin, silky, enormously productive and bringing highest price among the Tobacco dealers in Pennsylvania . . . per lb., \$2.00; per oz. 20
Glessner per lb., 2.00; per oz. 20
Pennsylvania (Lancaster Co., Pa.), per lb., \$2.00; per oz. 20

Cuban Seed.

Cuban Seed is in demand by growers in the Gulf States, where it has been demonstrated that grades can be grown equal to the best Havana. The seed we offer is the best to be obtained in the Island of Cuba.

Partidas	per lb., \$4.00; per oz.	40
Remedios	per lb., 4.00; per oz.	40
Vuelta Abajo per lb., 4.00; per oz.		40

SEED (FOR) CIGARETTES.

Bradley—Broad-leaved, per lb., \$2.00; per oz.	20
Sterling	per lb., 2.00; per oz. 20

SEED (FOR) SNUFF.

Blue Pryor	per lb., \$2.00; per oz.	20
Flannagan	per lb., 2.00; per oz.	20

Lawn Grass.

Emerald Green Grass Mixture. 100 Pounds Seed to the Acre.

FOR PARKS, GOLF, CROQUET AND TENNIS GROUNDS, CRICKET AND ATHLETIC FIELDS.

The Landreth Lawn Grass Mixture which we offer should not be compared with the cheaper preparations advertised. Our prescription is of the best chosen varieties, as respects color, texture and permanency, and will be found clear of weed seeds. Any one who purchases cheap, badly mixed Lawn Grass will soon realize that it was a poor investment, as the error will stand out for years in glaring ugliness.

Grass Seed Mixtures can be made of greater or less value per 100 lbs. according to the **Costs** and proportions of seeds used; the lower the price per 100 lbs., of course, the cheaper the ingredients, just as in any other mixture. Prices charged by various Seed Establishments are no indication whatever of the merits of their combinations of varieties—the cheapest Mixtures at first are often the dearest at the end.

The character of the prescriptions used by us are so absolutely of private record that they will not be divulged under any circumstances.

The composition of the Mixtures is such as our experience with Grasses shows to be best adapted for the purposes intended.

Prices are all by the pound, **One Hundred Pounds** being required to seed an acre. 1 lb. for space of 20 x 20 feet or 400 square feet.

For quantities over 20 pounds the price is reduced. At single pound rate we prepay postage; at the rate per 100 lbs., peck and bushel, the seeds will be shipped by Express or Freight, at expense of purchaser, no charge for bags or cartage.

Grass for Surface Effect.—This prescription consists of 100 parts, divided in such proportion between those Grasses which our observation has indicated as best for general park effect, as respects color, density of herbage, vigor, quick recuperation after mowing, and permanency. The seeds used are all well cleaned, and we believe them to be pure and full of vitality, and all persons using them are certain to secure a stand provided the land be properly prepared and the seed sown at the proper time and at the right depth, and provided there be sufficient rainfall to germinate the seed. We cannot be responsible for the errors of the inexperienced.

Popular Mixture . . . lb., 30c.; peck, \$1.00; bush. 20 lbs., \$3.00; 100 lbs., \$15.00
Superior Mixture. . . " 35c.; " 1.10; " " 3.60; " 18.00
Extra Special Mixture " 45c.; " 2.00; " " 7.00; " 35.00

Grass to Resist Tramping on Athletic Grounds.—This prescription is also of 100 parts, but differs from our Park Lawn Grass in the list of varieties, a proportion of such sorts being here added as to better stand the wear and tear of tramping consequent upon games of Tennis, Cricket, Lacrosse and Base Ball.

Popular Mixture . . . lb., 35c.; peck, \$1.15; bush. 20 lbs., \$4.00; 100 lbs., \$20.00
Extra Special Mixture " 50c.; " 2.00; " " 7.00; " 35.00

Grass for Shady Places.—Landreth's Mixture of varieties produces a reliable stand under dense shade of either pine or hardwood trees, in positions where all other Grasses may have failed.

Lb., 35c.; peck, \$1.50; bush. 20 lbs., \$5.00; 100 lbs., \$25.00.

Grass for Golf Links.—FOR THE COURSE.—This produces a soft, dense and uniform turf except where influenced by soil conditions, which are certain to vary somewhat on an extended course.

Popular Mixture . . . lb., 30c.; peck, \$1.15; bush. 20 lbs. \$4.00; 100 lbs., \$20.00
Extra Special Mixture " 50c.; " 1.10; " " 3.60; " 35.00

For the Putting Green.—This will make a velvet or carpet-like sward.

Popular Mixture . . . lb., 35c.; peck, \$1.50; bush. 20 lbs., \$5.00; 100 lbs., \$25.00
Extra Special Mixture " 50c.; " 2.00; " " 7.00; " 35.00

Old Lawns much in decay had best be plowed up, leveled up, and re-sown; but often this course is not convenient, certainly not if a lawn can be renovated by a system taking less time. In that case when prompt results are desirable, the old sod should be well combed by a harrow to tear out the dried Grass and easily extracted dead roots. This operation also breaks the earth, putting it in a pulverized condition to receive seed, which may be sown broadcast, and falling between the living Grass, roots into the friable and fresh soil, and is at once in position to germinate and occupy the space. On many lawns cut with the lawn mower there appear many pests—the Creeping Veronica and the Mouse-Eared Chickweed being prominent—which crowd out desirable Grasses and mar the appearance of the sward. Under such circumstances it is advised to break up the parts affected and sow with seed of the Fescue, which will admit of such close cutting as to destroy all pestiferous plants. The seed of Fescue we quote at about 30c. per lb.

White Clover is just the thing to sow on a spot in the yard or lawn where a very quick green covering is desired, as it will cover better in ten days time than grass seed will cover in two months. Sow one ounce, costing 5 cts., to the square yard and larger areas in proportion. Have you a bare spot on your grounds? If so, then try White Clover. Per oz. 5 cts.; lb. 35 cts.

Landreth's Mixtures of Grass Seeds for Permanent Pastures.

For Heavy Soils.—Eighty pounds to the acre. This prescription consists of 100 parts of such Grasses as experience has indicated as productive of herbage and most durable on heavy soils. Per 100 lbs. \$17.00; per lb. 30c.

For Light Soils.—Eighty pounds to the acre. This prescription of 100 pounds, divided into proportions between such varieties of Grasses as proved by experience to be the best adapted for light soils, both as respects amount of leafy product and permanence. Per 100 lbs. \$17.00; per lb. 30c.

In all mixtures for Pasture we recommend a multiplication of varieties, all having more or less distinct seasons of development, bringing about a continuity of verdant growth.



THE SEED HEADS OF SIXTEEN VARIETIES OF GRASS, SOMETIMES ALL, SOMETIMES A PART, USED IN VARIOUS LAWN GRASS MIXTURES.

- | | | |
|-----------------------|----------------------------|---------------------------|
| 1. Herds or Red Top. | 7. Canada Blue Grass. | 13. Rough Stalked Meadow. |
| 2. Crested Dogstail. | 8. Kentucky Blue Grass. | 14. Sheep's Fescue. |
| 3. Rhode Island Bent. | 9. Hard Fescue. | 15. Sweet Vernal. |
| 4. Wood Meadow. | 10. Red Fescue. | 16. Soft Meadow. |
| 5. Hair Grass. | 11. Various-leaved Fescue. | |
| 6. Hassock Grass. | 12. English Creeping Bent. | |

SEE FOLLOWING PAGES.

Hints on Lawn Making.



The illustration, from a photograph, is of 20 sorts used in our high-priced Lawn Grass Mixture, the varieties so radiating out from a common centre, that they may be observed and compared from one position.

Lawn Grass Mixture.

This implies a combination of Seeds of different varieties of Grasses, the proportion of each being such as deemed best for general purposes or for application under peculiar conditions—other prescriptions specially mixed of such designated proportions as thought particularly suitable for certain soils or to special climatic conditions.

The varieties of Grasses suitable for Lawn purposes, to make an ever-green and tenacious sod, are

Kentucky Blue Grass,
English Creeping Bent,
Rhode Island Bent,
Herds,

Wood Meadow,
Sheep Fescue,
Hard Fescue,
Red Fescue,

and a few others. These sometimes having a slight admixture of White Clover.

The objects of the application of a mixture are threefold :

1st. To make more certain the obtaining of a sufficient number of plants—a satisfactory stand—which might not be the case if but one variety was sown, as the conditions affecting the germination of that particular kind of Grass might not be altogether favorable.

2d. To be more certain of having some varieties which the geological and physical conditions of the soil will suit, so that the vegetating or developing conditions may in almost any case be favorable.

3d. To have a number of varieties, each possessing successive seasons of vigorous growth, so as always to have a fresh green surface, which would not, to the same extent, be the case if one sort only were used.

The mixtures advertised by different Seed Establishments are all made from private prescriptions and vary in selling price from \$10.00 per 100 pounds (sometimes less) to \$30.00 per 100 pounds. These mixtures may consist of two distinct sorts of a dozen varieties, the reputation of the Seed House selling them alone being a guarantee of their merit. Certainly the cheaper the price, the simpler and cheaper the mixture must be. Cheapness at once raises a doubt as to the value of the mixture.

Grass for Hay or Pasturage.

It is impossible to sow a mixture of Grass Seeds as to unite the vigor of a luxuriant top growth for mowing for Hay and the distinct characteristics of a good Pasturage turf.

We recommend the following seeding to the acre for a field to produce Hay :

15 lbs. TIMOTHY,
20 " ORCHARD GRASS,
15 " PERENNIAL RYE,
6 " RED CLOVER.

We do not include KENTUCKY BLUE GRASS, as it is of little value as a Hay producer, its leaf development being too short to make either bulk or weight. The Mixture above suggested should produce a strong growth of leaf matter, thus making a heavy tonnage, that is, 4000 to 6000 pounds of dry Hay to the acre.

For Pasturage, the basis is best when of Blue or Green Grass. We suggest the following Mixture to the acre :

50 lbs. BLUE GRASS,
20 " HERDS GRASS,
6 " WHITE CLOVER,
15 " PERENNIAL RYE.

We do not include TIMOTHY, as it has no root value whatever as a sod-maker, the root growth being very sparse and all on the surface.

For Pasturage, you want a stiff, tough sod, a spongy growth of interlacing roots, which will resist continued tramping by horses or by cattle. In fact, a good Pasturage sod improves under tramping, becoming more tenacious, more like a piece of carpet.

Clover Seeds.

WHITE DUTCH CLOVER (*Trifolium Repens*).—Not a heavy producer of hay, but invaluable in permanent pastures. Will grow on any soil, but luxuriates in damp locations and in damp seasons. It is very persistent in growth on rich soils, affording rare feed, but on thin soils will not succeed. Sow 12 lbs. to the acre. per lb. 35c.

ALFALFA, or LUCERNE (*Medicago Sativa*).—In localities where it flourishes this is one of the most valuable among the Clovers. Standing for years, shooting its roots downward till they are ten to fifteen feet below the surface, it resists the driest weather, and when every blade of Grass droops for want of moisture, it holds up fresh and green as in genial Spring. It does not succeed on compact clay, nor on land with impermeable subsoil. Far from exhausting land, it increases fertility, as has been fully established. Cattle pastured upon Alfalfa are apt to eat off the crowns, consequently the best practice is to cut it and stall-feed the animals. Sow 10 lbs. to the acre. Per 100 lbs. \$16.75. per lb. 25c.

ALSIKE CLOVER (*Trifolium Hybridum*).—The earliest large Clover. Possibly a hybrid between the Red and White, possessing qualities common to both; productive, sweet, extremely valuable both for pasturage or soiling. Clover-sick lands will sometimes produce fine crops of Alsike, which lands, after three years in Alsike and an intermediate grain crop, will again produce Red Clover. The flowers are a distinct light pink, and afford fine pasturage for bees. This Clover seeds itself freely the first year and every year, and does well as far north as Canada. This is sometimes added to pasturage mixture. Sow 12 lbs. to the acre. Per. 100 lbs., \$18.00 per lb. 30c.

RED CLOVER, MAMMOTH.—On rich, loamy soils this variety, if the seed be true to name, develops twice as much bulk of stem and leaf as the common Red. Consequently it is very valuable as a fertilizer. It is a plant of longer life than the common Red Clover, and earlier to start a Spring growth per lb., 25c.; per bush., \$8.00

RED CLOVER (*Trifolium Pratense*).—This is the most widely cultivated of the pastoral plants; loosening the soil and admitting the air and drawing up and storing away near the surface the valuable principles scattered in the earth beneath, it is regarded as one of the best of vegetable fertilizers, as well as a cattle food of the highest merit. Its luxuriant foliage, by shade, increases the fertility of the earth and smotherers noxious weeds. It is a lime plant and does best on stiff loams. Sow 16 lbs. to the acre.
Extra Superior. per bush., \$8.25; per lb. 25c.
No. 2 Grade per bush., \$7.75; per lb. 25c.

SCARLET or CRIMSON CLOVER (*Trifolium Incarnatum*).—This Clover is very popular with the farmers of Delaware, Maryland, Eastern Pennsylvania and New Jersey, and is being recognized throughout the West and South as a necessary and valuable addition to economical farming. May be sown at any time from May to October. Sown early, the first growth is available for pasture in the Fall, and still makes a good crop of hay the following Spring, or may be turned under for Corn or other crops, and for that purpose is said to be even more valuable than the ordinary Red Clover. Rooting very deep, it supplies nitrogen and potash largely to the soil. Will grow a heavy crop of hay or seed on the poorest land. Sow 15 lbs. to acre. per 100 lbs., \$7.00; per lb. 25c.

Grass Seeds.

BERMUDA GRASS (*Cynodon Dactylon*).—Bermuda Grass is really the only reliable Grass for a midsummer or permanent pasture in the Cotton States. Its leaves and stems are exceedingly fine and its habit prostrate. It is never killed by protracted droughts and is not injured by cutting or by grazing. It also makes an excellent hay. Its roots are so strong and wiry, so long-reaching and entangling, as to make it a very desirable soil-binder on levees and on railway embankments or any other slopes, and for this purpose we especially recommend it for use in all the Cotton States. We are pleased to be able to offer this seed, true, clean and vital. Two pounds will seed an acre broadcast on well-plowed and finely-harrowed land, and after broadcasting very lightly plowed in, or still better rolled down. It will not sprout in dry soil—wants much rain per lb. \$1.60

BROMUS INERMUS.—A strong-growing Grass of the arid plains of Russia, thriving on lands too dry for other sorts. When grown on good soil it yields enormous crops. Its habit is to make strong tufts and to hold its color till after hard frost. Its vigorous character makes it a good Grass for embankments. Its foliage is like Rye, long, straight, broad, soft, light in color. Stronger than Orchard Grass. The seed stalks reach 2 to 4 feet in height, closely set with long leaves. The seed is borne after the manner of Oats. Sow 40 lbs. to the acre per lb. 35c.

BENT GRASS, RHODE ISLAND (*Agrostis Canina*).—Resembles Herds Grass, forming a fine tuft even on thin soils. Doing especially well in salt atmospheres. The only lawn Grass used at Newport. So similar to Herds Grass as to be almost indistinguishable. Sow 40 lbs. to the acre per lb. 35c.

BENT GRASS, CREEPING (*Agrostis Stolonifera*).—Known in England as Florin; a good soil-binder, does well on damp land. The favorite lawn Grass in England, as unequaled by any other. Very similar to Blue Grass but of stronger growth. Sow 30 pounds to the acre per lb. 30c.

BLUE GRASS, CANADA (*Poa Compressa*).—For dry soils, sow 35 lbs. to the acre. per lb. 25c.

BLUE GRASS, KENTUCKY (*Poa Pratensis*).—This is a pasture Grass of high merit, the earliest to start in Spring and continuing green far into the Winter. Though it makes fine quality hay it is not to be recommended for that purpose, being a light cropper. Its uniform growth and its beautiful habit and color make it desirable for lawns. It requires more time than other Grasses to become established, but is the longest living of all. It flourishes best in limestone lands. Roots of creeping habit, overpowering weeds. Only flowers once a year. Sow 30 pounds to the acre 100 lbs. \$14.00; per lb. 25c.

CRESTED DOGSTAIL (*Cynosurus Cristatus*).—Foliage deep green, lustrous, long, narrow, soft; a deep rooter. A fine lawn Grass, invaluable in pastures. Sow 25 lbs. to the acre per lb. 60c.

FESCUE GRASS, HARD (*Festuca Duriuscula*).—Does well on damp ground or in salt atmosphere; good for pasturage; retains its green color during drought. Sow 30 lbs. to the acre per lb. 30c.

FESCUE GRASS, MEADOW (*Festuca Pratensis*).—The English Bent Grass. A perennial Grass of good quality; grows well in nearly all situations, wet or dry, hill or bottom land. Has round, smooth stems, two or three feet high, lustrous deep green leaves. In mountain lands of Virginia said to grow six feet high, foliage broad. The numerous fibrous roots penetrate good soil twelve to fifteen inches; makes good hay; also a permanent pasture, especially in the South. Sow 40 lbs. to the acre broadcast per lb. 30c.

FESCUE GRASS, SHEEP'S (*Festuca Ovina*).—Most diminutive of cultivated Grasses, leaves narrow or hair-like, grows in tufts, does well on dry soils or on rocky ledges, used in lawn Grass. Sow 35 lbs. to the acre per lb. 30c.

FOXTAIL, MEADOW (*Alopecurus Pratensis*).—Resembles Timothy, but two weeks earlier to cut for hay; very hardy, does well under shade, large leaf producer. A spreading perennial of high favor in Europe; one of the earliest and best Grasses for permanent pasture. Habit coarse, but suitable for park purposes. Succeeds best on well drained, rich, loamy or clayey soils; makes excellent hay and should be included in all permanent pastures. Better for pasturage than for hay. Its merits are earliness, quality and quantity. Sow 25 lbs. to the acre. per lb. 45c.

HERDS, OR RED TOP GRASS (*Agrostis Vulgaris*).—A good perennial Grass, generally sown on permanent pastures. It succeeds Clover and Timothy when they have died out. Does well on any soil, but best on moist land. Sow 40 lbs. to the acre per lb. 25c.

JOHNSON GRASS (*Sorghum Huapense*).—This has creeping, fleshy root stems. Valuable for holding soil where inclined to waste by rain. Used largely in South per lb. 2c.

MEADOW GRASS, ROUGH STALK (*Poa Trivialis*).—Resembles Blue Grass; used in England for lawns. Will flourish in dripping situations. Sow 30 lbs. to the acre per lb. 40c.

MEADOW GRASS, WOOD (*Poa Nemoralis*).—Deep green; valuable in shady places, makes a good turf, endures drought; good for lawns. Sow 30 lbs. to the acre per lb. 60c.

MILLET, COMMON.—Sow 50 lbs. to the acre.
Per bush. (50 lbs.), \$1.20 per lb. 18c

MILLET, PEARL OR CATTAIL.—Very productive, drill in two-foot rows. Sow 10 lbs. to the acre 100 lbs. \$12.00; per lb. 25c.

MILLET, GERMAN (*Panicum Germanicum*).—This is an improvement on Hungarian Grass if cut just as the leaves are turning. Under some circumstances it will yield half as much more to the acre. On Bloomsdale Farm, on one occasion, we cut thirteen tons of dry, clean hay from three acres. Sow 50 lbs. to the acre.
Per bush., \$2.00 per lb. 20c

MILLET, HUNGARIAN (*Panicum Hungaricum*).—An annual forage plant of celebrity. It germinates readily and withstands drought. It has numerous succulent leaves, broad and over a foot in length, the plant in strong soil reaching a height of three feet. Cut early it makes an excellent hay, but left to ripen seed it becomes hard and woody. Sow 50 lbs. to the acre. Per bush., \$1.20 per lb. 18c

MILO MAIZE, OR GUINEA OR DHOURA CORN.—Thrives in driest localities, can be cut several times a season. Sow 6 lbs. to the acre per lb. 20c

ORCHARD GRASS, OR ROUGH COCKSFOOT (*Dactylis Glomerata*).—One of the most valuable of all the cultivated Grasses, blooming with the Red Clover and making with it an admirable hay. As a pasture Grass it is more productive than any other and does best under close feeding. It recovers rapidly. It stands drought better than any other Grass, keeping green and growing when others are dried up. In Summer it will grow more feed in a day than Blue Grass will in a week. Sow 50 lbs. to the acre . . . per lb. 25c

RYE GRASS, ITALIAN (*Lolium Italicum*).—This is a variation of the Perennial Rye Grass, being much earlier and far more rapid in growth, producing larger leaves, more succulent food and three times as much of it; it is not as durable. The leaves are long and soft; the foliage is a rich green, resembling Rye, but lighter in color than the Perennial Rye Grass. It makes a great show, developing from seed the quickest of any of the valuable Grasses. Is a strong feeder, enduring any amount of irrigation or manure. Succeeds best in moist soil, and in such is the best Grass for soiling, affording repeated luxuriant and nutritious crops. Sow 30 lbs. to the acre per lb. 20c

PERENNIAL RYE GRASS (*Lolium Perenne*).—Long a stand-by among the best farmers in England. Leaves long, narrow and fine. Darker in color than the Italian, not more than half as large, and slower to develop. Cut when in blossom it makes fine hay and abundantly, but not equal to Orchard. It requires a moist climate, and in such stands for six or seven years. Perennial Rye Grass will resist overflow, and does well on sloping banks, as its roots are very fibrous and mat-like. It revels on deep tenacious soils. Sow 30 lbs. to the acre per lb. 20c

TEOSINTE (*Reana Luxurians*) per oz., 10c.; per lb. \$1.00

TIMOTHY (*Phleum Pratense*).—As a Grass to cut for hay this is unsurpassed. It is coarse if allowed to ripen seed, but if cut in the bloom is bright and highly nutritious. If sown with Clover, as is often practiced, it has to be cut before development, being later, and thus there is a loss in returns. It does best on loamy soils. It is a large producer, two or three tons of hay being frequently made. Sow to the acre, if sown alone, 15 lbs. . . per bush. (45 lbs.), \$3.40; per lb. 20c

SWEET-SCENTED VERNAL GRASS, PERENNIAL (*Anthoxanthum Odoratam*).—One of the earliest in Spring and latest in Autumn. It is almost the only Grass that is fragrant, and to its presence our hay fields owe much of their charm. It has little nutritious properties in itself, but it is well known that on pastures where it abounds the finest mutton is produced. It does best on light loams and medium sands, but dies out on black prairie soil. Sow 25 lbs. to the acre if sown alone per oz. 10c.; per lb. \$1.00

VICIA VILLOSA (*Hairy Vetch*).—A native of Russia. All animals eat it both green and cured. Difficult to cure; mostly used for feeding green, for soils, and for plowing under as a manure. Analysis demonstrates the plant to be of high value. It does not flourish in wet land, but needs considerable rain during its early growth. Broadcast two bushels to the acre in September and October in the South, and in April in the North. This plant, sown in August, September or October, in States south of the latitude of the Potomac, has given admirable results as a pasturage plant in early Spring and for mowing in April for the making of hay per lb. 25c.

LANDRETH'S FLOWER SEEDS

OPEN-AIR CULTURE. Flower seeds, being usually small and delicate, the land to receive them must necessarily be carefully prepared. Large stones, clods and other material should be removed after the earth has been deeply dug and fertilized; but the soil should not be made so fine as to become pasty under moisture.

Sow the fine seeds on top of the earth, covering with a sifting of sand about the diameter of the seed, and press down firmly so the seed will come in contact with the earth. The best results will generally be obtained by sowing all the varieties in one plot or bed, sufficiently large to hold all sorts, in parallel rows one foot apart. Carefully weed and otherwise

attend to plants during the early stages of growth.

Afterwards, when 1 or 2 inches high, the young plants can be removed, on a rainy, cloudy or damp day, to permanent positions carefully prepared for their reception, enriched by a previous application of manure or compost.

In the after-culture the most important matter is to keep the beds well thinned, for crowding will defeat all other preparations; while space, which at first seems four times too much, will serve to develop robust plants, which by their ample leafage and well-developed flowers will amaze people not familiar with the conditions of ample space necessary to successful plant culture.

All the Everlasting Flowers and Ornamental Grasses can be cut and dried for Winter; they will keep for months or till ruined by the dust.

STARTING OR FORCING SEEDS IN THE HOUSE.

When it is desired to **hasten the development** of plants, they may be sown in the conservatory or in boxes within the house. Those who have greenhouses hardly need directions, but for those who have had less experience we drop the following hints.

Procure shallow boxes, trays or broad pots from 2 to 4 inches deep, the bottoms permitting the free passage of water, else the earth will bake and become sour, as seeds will not germinate satisfactorily or thrive in a wet soil. Prepare a mixture of one-third leaf mold cut fine, one-third clean sand, and one-third finely pulverized stable manure; moisten the mixture thoroughly and fill into the boxes to within half an inch of the top, gently patting down the surface to a level. Upon this distribute the seed and cover just out of sight, by sifting over the seed the finest earth procurable, settling the seed down with a fine spray of water shaken from a brush, a heavier application baking the surface. Place the boxes where they will remain at a temperature of between 60° and 70°, applying water with a brush or fine rose when the surface becomes dry. When the seedlings are half an inch high they may be transplanted to other boxes, placing the tiny plants about one to each square inch. When these become so large as to crowd each other, they should again be transplanted to the garden or in other boxes, according to the season.

**NO SEEDS ARE SUPERIOR TO LANDRETH'S,
AND ALL GROWN IN 1902.**

MAIL US YOUR ORDER.

ABRONIA.—Trailing plants, fine for vases and rockeries. Somewhat resembling Verbenas, with sweet-scented flowers.

Arenaria.—Nine inches high. Yellow 10
Umbellata.—Lilac, with white eye 5

ABUTILON (Chinese Bellflower).—Mixed varieties, tender perennial, suitable for house or garden culture . . . 10

ACROCLINIUM (Everlasting Flower).—Half-hardy annuals of free growth. Flowers pink and white.

Single Mixed.—1 foot 5
Double Flowered Mixed.—1 foot 5

ADONIS (Flos Adonis, Pheasant's Eye).—Does well in any shady corner. Foliage very fine. 13 or 14 inches high.

Æstivalis.—Scarlet 5
Vernalis.—Perennial, yellow flowers 5

AGERATUM.—The Ageratums are all very pretty, especially when grown in beds or borders, easy growth, flower abundantly out-of-doors in Summer or in greenhouses in Winter; therefore very desirable for bouquet-making. A bed with the centre of *Salvia Splendens* and border about 18 inches wide of *Ageratum blue* will make a dazzling sight all summer.

Conspicuum.—White. Half-hardy annual. 15 inches 5

Dwarf Mixed 5

Imperial Dwarf Blue 10

Lasseauxi.—Rose 10

Princess Victoria Louise.—New, one of the best (see Novelty pages) 15



AGERATUM.

Princess Victoria Louise and Imperial Dwarf Blue, 1 packet each for 20 cents.

AGROSTEMMA.—Hardy annual, fine for bedding and cutting; flowers quite similar to single pinks. Plant thickly in bed to form mass of color. Mixed varieties . . . 5

AGROSTIS Pulchella.—One of the most elegant of our ornamental Grasses. Fine for bouquet-making 5

ALYSSUM.—Flowers from June to November, and all Winter indoors. Is fragrant, makes a very pretty border, fine for carpet bedding, baskets, pot plants and in making small bouquets. Cut back when through flowering and will bloom again. Annual.

Benthami compactum (Little Gem).—Very suitable for border and pot work 5

Carpet of Snow.—Forms the ideal border. Compact, shrubby plant, snow white. 3 to 4 inches 10

Maritimum (Sweet).—White. 6 inches 5

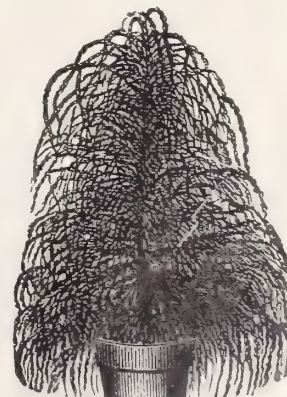
Saxatile compactum.—Golden yellow. 1 foot. Perennial 5

Wierbeckii.—Yellow. 1 foot. Perennial 5

One packet each of Carpet of Snow and any other two varieties for 15 cents.



ALYSSUM.



AMARANTHUS SALICIFOLIUS.

AMARANTHUS.—Attractive ornamental plants, so diversified in character they hardly seem to belong to the same family. If not planted too closely, will be more satisfactory.

Atropurpureus nanus.—New dwarf, blood red, drooping. 1 foot . . . 5

Bicolor ruber.—Carmine scarlet, splendid effect 5

Caudatus (Love Lies Bleeding).—Red, drooping. 2 feet 5

Salicifolius (Fountain Plant).—Is of pyramidal drooping habit, brilliantly tipped with orange, carmine and brown. Height 4 feet 5

Splendens.—Mixed 5

Superbus.—Very pretty and decorative. New 10

Tricolor (Joseph's Coat).—Red, yellow and green foliage 5

Superbus and any other two varieties for only 15 cents.

Asters

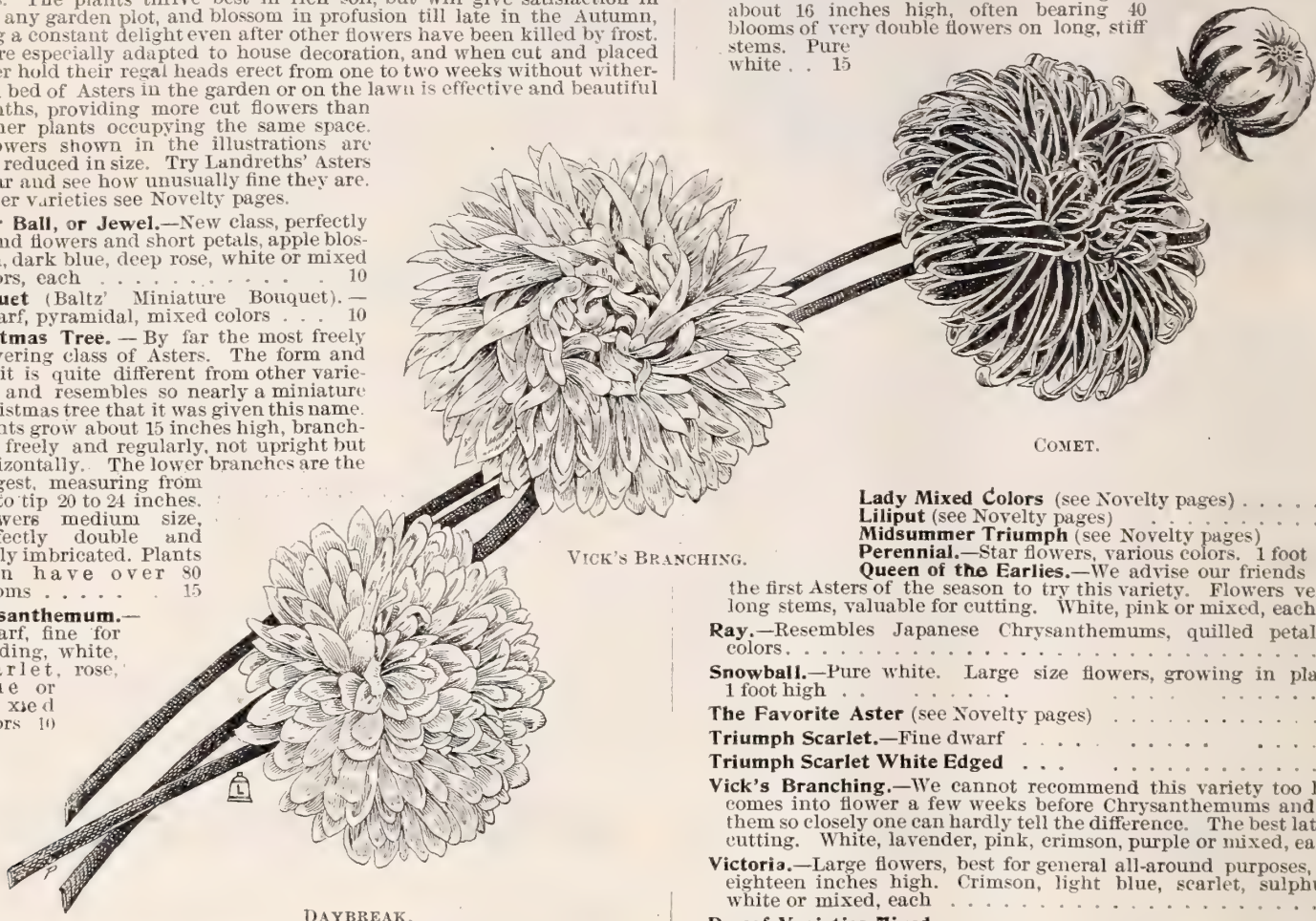
Royal, Chrysanthemum-like flowers surpassed by none in beauty and in size. They vary in color from a delicate pink and white to deep reds and purples. The plants thrive best in rich soil, but will give satisfaction in almost any garden plot, and blossom in profusion till late in the Autumn, proving a constant delight even after other flowers have been killed by frost. They are especially adapted to house decoration, and when cut and placed in water hold their regal heads erect from one to two weeks without withering. A bed of Asters in the garden or on the lawn is effective and beautiful for months, providing more cut flowers than any other plants occupying the same space. The flowers shown in the illustrations are greatly reduced in size. Try Landreth's Asters this year and see how unusually fine they are. For other varieties see Novelty pages.

Aster Ball, or Jewel.—New class, perfectly round flowers and short petals, apple blossom, dark blue, deep rose, white or mixed colors, each 10

Bouquet (Baltz' Miniature Bouquet).—Dwarf, pyramidal, mixed colors 10

Christmas Tree.—By far the most freely flowering class of Asters. The form and habit is quite different from other varieties and resembles so nearly a miniature Christmas tree that it was given this name. Plants grow about 15 inches high, branching freely and regularly, not upright but horizontally. The lower branches are the longest, measuring from tip to tip 20 to 24 inches. Flowers medium size, perfectly double and finely imbricated. Plants often have over 80 blooms 15

Chrysanthemum.—Dwarf, fine for bedding, white, scarlet, rose, blue or mixed colors 10



DAYBREAK.

VICK'S BRANCHING.

COMET.

Cocardeau, or New Crown.—Extremely showy, each flower having a white centre; bright colors. 1½ feet. Mixed 10

Daybreak (see Novelty pages) 10
German Quilled Mixed.—Flowers quilled, plants branching 5
Giant Comet.—Large flowers, long petals, white, yellow or mixed, each 10
Giant Comet the Bride.—A beautiful new Aster (see Novelty pages) 15
Japanese Tassel.—Mixed colors, long, feathery petals, excellent for cutting. Flowers of immense size, often 5 inches across 15
King Humbert (see Novelty pages) 15
Lady.—The long narrow leaves of this variety make it stand out alone, distinct from other Asters. Plants grow about 16 inches high, often bearing 40 blooms of very double flowers on long, stiff stems. Pure white 15

Lady Mixed Colors (see Novelty pages) 15
Liliput (see Novelty pages) 20
Midsummer Triumph (see Novelty pages) 20
Perennial.—Star flowers, various colors. 1 foot 10
Queen of the Earlies.—We advise our friends who want the first Asters of the season to try this variety. Flowers very double, long stems, valuable for cutting. White, pink or mixed, each 10

Ray.—Resembles Japanese Chrysanthemums, quilled petals. Mixed colors 15

Snowball.—Pure white. Large size flowers, growing in plants about 1 foot high 10

The Favorite Aster (see Novelty pages) 20

Triumph Scarlet.—Fine dwarf 10

Triumph Scarlet White Edged 15

Vick's Branching.—We cannot recommend this variety too highly. It comes into flower a few weeks before Chrysanthemums and resembles them so closely one can hardly tell the difference. The best late Aster for cutting. White, lavender, pink, crimson, purple or mixed, each 10

Victoria.—Large flowers, best for general all-around purposes, fifteen to eighteen inches high. Crimson, light blue, scarlet, sulphur yellow, white or mixed, each 10

Dwarf Varieties Mixed 5

Tall Varieties Mixed 5

Any six packets for only 50 cents; any five of the 10c. packets for only 30 cents.

ANTIRRHINUM, or Snapdragon, is a hardy perennial, blooming first season if sown early. Among the most showy and brilliant border plants; succeed in any good garden soil. By cutting off most of the flowering stems and giving a slight protection over Winter, plants will bloom second Summer. Try a few this way.

Majus Grandiflora Delila.—Carmine, yellow and white 10
Majus Grandiflora Firefly.—Orange-scarlet, white throat. 10
Majus Grandiflora Galathee.—Crimson and white. Large 10
Majus Mixed 5

Nana (Tom Thumb).—Mixed colors. 6 inches. 5
New Giant Flowered (Majus Grandiflora).—Very large flowers 10
Picturatum.—Tinted varieties mixed. 1 foot 5

AQUILEGIA, or Columbine, is among the most beautiful and curiously formed of hardy perennial flowers. Blooms in the early Spring and Summer.

Chrysantha.—Golden, 3 feet. Single large flowers, long spurred 10
Hybrida.—Single mixed. 2 feet 5
Hybrida.—Double mixed 5
Skinneri.—Scarlet and yellow, 1½ feet. 10



ANTIRRHINUM.



ASTER, CHRISTMAS TREE.



AQUILEGIA.



Balsams

A family of beautiful annuals with flowers as double as Roses, measuring from 2 to 2½ inches in diameter. Bushes are of a strong, vigorous growth. Rich soil and deep culture is requisite to produce large and showy flowers. Seeds may be sown where they are wished, and later thin out the plants; but if started indoors they will flower earlier. Set plants about 2 feet apart, where they can have plenty of sun. Our stock is exceptionally fine. Try it.

Atrosanguinea.—Blood red. 2 feet 5

ALONSOA.—Plants dwarf, free flowering, do well as pot plants for Winter as well as in the garden.

Warscewizii.—Brilliant scarlet 5

AMMOBIUM Grandiflorum.—White, hardy annual. Its silvery white petals and yellow stamens present a pleasing contrast. Everlasting flower 5

AMPELOPSIS Veitchi (Japan Ivy).—Hardy perennial; clings to stone or brick. Rapid climber after once started, covering a large space in a short period. Green in Summer, scarlet in Autumn 5

ANEMONE.—Windflower. Perennial, which if sown early will flower the first year. 5

ARCTOTIS Grandis. A handsome flower from Africa. (See Novelty pages). 15

ARISTOLOCHIA Siphon (Dutchman's Pipe)—Yellow and purple. Hardy perennial, rapid climber, large leaves. Requires plenty of water. 10

ARUNDO Donax.—Magnificent hardy Grass, grows from 10 to 15 feet high. 10

ASPARAGUS sprengeri.—Fine for basket work. 15

Plumosus nanus.—Unequaled for festooning. 25

ASPERULA Azurea Setosa.—Flowers have a delicious fragrance and keep well in a dried state. 10

AZALEA.—Perennial. Mixed colors. 3 to 4 feet 25

BARTONIA Aurea.—The flowers are very bright metallic yellow, exceedingly brilliant in the sunshine and borne in great profusion. 1 foot 5

BEGONIA. Beautiful hothouse or greenhouse plants, also fine in garden during Summer. Require rich soil and plenty of moisture. Propagated by seeds, cuttings or division of tubers.

Tuberous - Rooted Double. 1. Mixed colors. 50

Tuberous - Rooted Single. 1. Mixed colors. 25

Rex hybrida.—Mixed. 25

Vernon.—Red flowers, bronze-colored foliage. 10

BIRZA Gracilis (Ornamental Grass).—Very distinct and attractive dwarf. 5

Maxima (Quaking Grass).—Taller plant and larger heads than Gracilis. 5

BOCCONIA Japonica.—This magnificent foliage plant, sometimes called Plume Poppy, is a handsome hardy perennial of stately habit, often growing over 4 feet high. The leaves

Camellia Flowered Perfection.—Pure white or mixed, each 10
Mixed.—Carnation striped. 2 feet. 5
Mixed.—Rose flowered and spotted. 5
Mixed.—Rose flowered, dwarf. 5
Mixed.—Striped, streaked and spotted. 5
Royal King.—Bright scarlet. 2 feet. 10
Royal Queen.—Bright rose, fine. 10

Three packets, Camellia Flowered Perfection and any two other varieties, only 15c.

are large, heart-shaped and finely cut. Flower pink. It is again coming into favor, and no doubt will soon be as well-known and well-liked as it was many years ago. 10

BRACHYCOME (Swan River Daisy).—From the banks of the Swan River in Australia. A dainty little plant, about 8 inches high, of branching compact habit. The blue and white flower somewhat resemble Cinerarias. 5

BROMUS Brizæformis (Ornamental Grass).—Large heads, drooping panicles. 5

BROWALLIA Elata.—Fine for rock work. 1 to 1½ feet in height. Blue or mixed. 5

Landreth's Mammoth Flowering.—Large bright blue flowers (see Novelty pages). 10

CACALIA, or Flora's Paint Brush. Pretty annuals with small tassel-like flowers borne in clusters. Blooms from early Summer till late Autumn, furnishing cut flowers for several months. 5

Mixed. 5

CALANDRINIA.—Flowers large and continuous through the Summer. Endures heat and drought like Portulaca, particularly adapted for rock work, mounds, etc. Hardy annual trailing. 5

CALCEOLARIA.—Beautiful greenhouse plants with pocket-shaped flowers mottled and spotted. 5

Hybrida.—Mixed colors. 15 inches. 25

Tigrina Grandiflora.—Extra large flowers spotted. 25

CALLIOPSIS.—This old favorite is greatly improved, the flowers being nearly twice the size of those we admired a few years ago. Plants grow from 1 to 2 feet high and are literally a mass of blossoms, varying from a deep maroon or wine, through all the shades of orange and yellow. The petals are as rich and as much like velvet as the Pansy, and nothing brightens the dining-table or makes the living or sick room as cheery as a vase of these brilliant flowers. They can be grown with very little care, and when planted in clumps are especially attractive, blossoming the entire Summer. Hardy annuals.

Atrosanguinea.—Blood red. 1 foot. 5
Bicolor Nana Purpurea.—See Novelties. 10
Drummondii (Golden Wave).—Golden, with crimson centre. 1 foot. 5
Dwarf Mixed. 5
New Double Mixed.—Extra choice, 1 foot. 10
Tall Mixed.—All colors. 2 feet. 5



BRACHYCOME.



CALLIOPSIS.



CAMPANULA.



CANNA.



CENTAUREA.



CANDYTUFT.

CALENDULA.

—Handsome hardy annuals, commonly called Cape or Pot Marigold. Bloom continuously all the season.

Officinalis Meteor.—Double

striped orange. 1 foot	5
Pongei. —Double white. 1 foot	5
Prince of Orange. —Dark golden double. 1 foot	5
Mixed Double	5

CAMPANULA.—The Campanulas are a large genus of showy plants, mostly perennials. The Campanula medium (Canterbury Bell) claims a situation in most gardens. Easy of culture and certain to flower; all succeed well in good soil.

Calycanthema (Cup and Saucer).—Cup about 3 inches long with a saucer about 3½ inches wide, a beautiful biennial. Mixed colors. 2 feet. 5

Medium (Canterbury Bell).—Mixed colors, double or single. 2 feet, each 5

Pyramidalis (Pyramidal Bellflower).—2 feet. Hardy 5

Rotundifolia (Hare Bell).—White and blue. Mixed, hardy. 2 feet. 5

Speculum (Venus' Looking Glass).—Annual. Blue. 2 feet. 5

CANDYTUFT.—These well-known favorites are among the most beautiful of our annual flowers. The seeds can be sown at all seasons or in Fall for early flowering. They like rich soil and plenty of room to flower freely. Nearly all varieties are hardy annuals. Very pretty in beds or masses. They are now a necessity. Useful in pot or border.

Large Flowering Dwarf Hybrids.—Great improvement in size and color of flowers over the original sorts. Mixed. 10

Empress.—A superb variety; large pure white flowers on good stems. 10

Gibraltarica hybrida.—Hardy perennial. Fine for permanent border. 10

Odorata.—Sweet-scented. White. 1 foot 5

Rose Cardinal.—New, very large oval heads. Plants literally covered with the flowers, presenting one mass of this beautiful shade of rosy scarlet. Highly recommended. 10

Mixed Colors.—Dwarf annuals. 5

One packet each Empress and Rose Cardinal, 15c.

CANNAS are mostly tropical, half-hardy perennial plants with elegant foliage and showy flowers; produce a striking effect grouped in beds or single on the lawn. Soak the seed in warm water about 12 hours, sow in hotbed, transplant when ground is warm; give plenty of moisture and rich soil. Take up the roots before frost and keep in a moderately warm cellar.

Crozy's Early Newest Large Flowering.—Mixed colors 10

Tall Varieties.—Mixed colors. 3 feet. 5



CELOSIA.

high, dark scarlet

Thompsoni Magnifica.—The most perfect strain of Ostrich-plumed Cockscomb. New. (See Novelty pages) 15

Any four packets for only 30 cents.

CENTAUREA.—Hardy annual of easy culture. The white-leaved variety, *Gymnocarpa*, is valuable for borders and ribbon bedding. The other varieties make beautiful additions to the flower bed.

Americana Hallii (Star Thistle).—Lilac. 2 feet. 10

Cyanus (Blue Bottle, Bachelor's Button).—Mixed colors, single. 1½ ft. 5

Cyanus.—Double 10

Gymnocarpa.—Silvery white leaves, invaluable for borders. 5

CELOSIA.—The Cockscombs are tender annuals, requiring good soil. The Cockscomb form will produce a larger comb by cutting off sideflowers and leaving one head only to a plant. If cut before they fade the head may be preserved during the winter.

Aurantiaca (Orange Cockscomb).—3 feet 5

All-Aglow.—A very fine dwarf Cockscomb, with magnificent large heads of ruffled combs, the depths of glowing orange-scarlet quite like scarlet chenille 10

Empress.—Bright crimson combs, dark foliage 10

Magnifica.—New. See Novelty pages 15

Nana.—Mixed 5

Queen of Dwarfs.—Eight inches 10

SWEET SULTAN.

Sua veolens.—Sweet-scented, yellow 10

Giant Flowering Chameleon.—Bright yellow flowers changing to rose, fragrant 10

Giant Flowering Marguerite.—Flower satin-white with small petals very finely fringed, measuring about 3 inches across 10

Giant Flowering Mixed varieties 10

Giant Flowering Moschata.—Purple. 1 foot 10

Giant Flowering Royal Sweet Sultan.—See Novelties and Specialties. 10

CHRYSANTHEMUM.—The annual varieties are hardy and very pretty, especially when grown in masses. Easy culture, stand the heat, require rich soil.

ANNUAL VARIETIES.

Burridgeanum. —Crimson and white. 1 foot	5
Coronarum. —Double, mixed colors. 1 foot	5
Coronarum. —Single	5
Dunnett's. —Double, white	10
Sulphureum. —Double, pale yellow	5

PERENNIAL VARIETIES.

Double Perfection Mixed.—New 10

Maximum Perfection.—New, very large white flowers about 4 inches across, extremely floriferous 10

White Marguerite (Paris Daisy).—Fine for cut flowers, as it is a perpetual bloomer 10

CINERARIA.—The flowers

of the Cinerarias are after the habit of the herbaceous Aster; petals of many colors, eyes of different shades. Hardy greenhouse annuals; very attractive during Winter and Spring. White-leaved varieties are half-hardy perennials, desirable for borders and ribbon bedding.

Hybrid.—Select Mixed 25

Extra Select Mixed. 35

Maritima candidissima (Dusty Miller).—Used largely for ribbon beds, borders, vases, baskets, etc. Silver foliage. 2 feet. 5

CLARKIA.—Free-flowering annuals; fine for edging, baskets and boxes; bright colors; very effective where a mass of bright colors is desired. They are pink, white, purple, red, lilac.

Mixed Double 10

Mixed Single 10

CLEMATIS.—The Clematis are perennials of rapid growth on trellis or netting.

Coccinea.—Scarlet. 12 feet. 5

Flammula (Virgin's Bower).—White. 12 feet 5

Jackmanii.—Purple, large flowers. 12 feet 10

Paniculata.—Japanese variety, sweet-scented small white flowers. rapid grower 10

One packet each of the four varieties above for only 20 cents.

COBCEA Scandens.—Greenhouse perennial of rapid growth, bearing great number of bell-shaped flowers. Start the seed in damp sand in a warm place.

Blue 10

White 10

One packet of each for 15 cents.

COLEUS.—Is a tender perennial foliage plant, principally used for borders and edgings. The brilliant shades of bronze, yellow, green, crimson and red make it very attractive. Raised from seed or cuttings. Plant out when all danger of frost is past. Mixed 15

New Large-leaved.—Beautifully fringed 25



CHRYSANTHEMUM.



COSMOS.

Klondyke.—New, orange-yellow.

Mammoth Perfection.—Flowers of perfect form, great size and beauty.

White, crimson, dark pink, white tinted rose, or Mixed, each . . . 10

Marguerite.—Flowers measure from 2½ to 3 inches diameter, beautifully fringed like Marguerites. Mixed colors . . . 15

CYPERUS Alternifolius (Umbrella Plant).—An excellent house plant . . . 5

DAHLIA.—A well-known favorite. The colors and shades of colors are many; is a half-hardy perennial, tuberous-rooted, deserving a place in every garden. Blooms



DELPHINIUM.

till Fall. Keep the roots during the Winter in a dry place free from frost. Easily grown from seed, flowering the first Summer.

Cactus Double Mixed . . . 10

Double.—Mixed, 5 feet . . . 10

Jules Chretien.—Very dwarf, 10 to 15 inches . . . 10

Liliput Dwarf Double.—Mixed, 3 feet . . . 10

Single.—Mixed, 5 feet . . . 5

Tom Thumb.—About 1 foot high, covered with beautiful small single flowers . . . 10

DATURA.—Large trumpet-shaped flowers. Start early will bloom first season. Roots can be Wintered over in cool cellar.

Cornucopia.—A striking species producing large double sweet-scented white flowers, marbled with purple. Flowers 5 in. across and 8 in. long . . . 10

Double.—Mixed . . . 5

Wrightii.—Single, white . . . 5

DELPHINIUM.—The Larkspurs are showy annuals and perennials. Very easy to cultivate and beautiful for borders. The foliage is dark green, much divided, throwing out to perfection the blossoms, which are terminal spikes of blue, purple, white and red. Although hardy perennials, the plants will bloom the first year. All grow freely in good soil.

ANNUAL VARIETIES.

Branching Consolida.—Double mixed . . . 10

Cardinal.—A brilliant scarlet, a color, which has made these beautiful annuals more attractive than ever . . . 10

Dwarf Rocket.—Double mixed, 1 foot . . . 5

Hyacinth Flowered.—Double . . . 15

Tall Rocket.—Mixed, 3 feet . . . 5

HARDY VARIETIES.

Formosum.—Double blue, white eye . . . 5

Nudicaule.—Large scarlet . . . 10

Zalzel.—Yellow, resembling finest Orchids. One of the most beautiful . . . 5

Finest Mixed . . . 5

COIX lachrymæ (Job's Tears).—Ornamental Grass. Seeds being very hard are often strung on silk cord and used as beads for baby cutting teeth . . . 5

COREOPSIS lanceolata.—Resembles Calliopsis, perennial, yellow flowers . . . 10

COSMOS.—Every year this flower makes more friends. Both flowers and foliage are grand for cutting. Growing 4 to 6 feet high from seed.

Early Dwarf Dawn.—White ground, flushed with delicate pink; a decided acquisition to this class. . . 15

Fine Mixed.—Only grows from 3 to 4 feet high, bearing white, crimson and pink flowers in July and onwards. . . 10

DIANTHUS.—In this family are the Pinks and Carnations, which are surpassed by few garden flowers. These old favorites are still as popular as ever. Rich soil will make bright flowers. Most of the varieties are fragrant.

CARNATIONS.

One of our leading flowers, a rival of the Rose; seed can be sown under glass or in the open ground, and will flower the next Summer. The Marguerite varieties flower the first year.

Double Striped . . . 19

Grenadin.—Dwarf red . . . 10

Grenadin.—Dwarf white . . . 10

Vienna.—Early double dwarf . . . 10

One packet each of above four varieties only 30 cents.

PERPETUAL FLOWERING.

Chabaud's Double Perpetual.—Choice yellow; blooms in 6 months . . . 20

Comtesse de Paris. . . . 10

Giant Marguerite.—Same as below but with larger flowers. Mixed . . . 15

Marguerite.—Sow seed early, thin so plants will stand 1 foot apart, cultivate often and they will begin flowering in a few weeks. Plants can be taken in the house for Winter blooming or remain outdoors and they will flower the next Summer. Half dwarf, fine bloomer. Mixed . . . 16

CHINESE AND JAPANESE PINKS.

The Pinks are free-flowering biennial plants that bloom the first Summer, and if freely cut will produce larger flowers the second year.

Chinensis (China Pink).—Double mixed. 1 foot . . . 5

Crown of Perfection.—Mixed varieties. The best strain obtainable; a strong grower, blooms continuously during Summer and early Fall . . . 10

Diadematus.—Dwarf, double



CARNATION.



DOUBLE DAISY.

mixed; compact habit; improvement on Chinensis . . . 5

Double Fireball.—Beautiful velvety red . . . 5

Eastern Queen.—Large single flowers, finely fringed with mag-

nificent rich shadings. Flowers often over 3 inches in diameter . . . 5

Hedderwigii (Japan Pink).—Double and single; very showy. 1 foot, each . . . 5

Imperialis.—Double mixed, choice. 1 foot . . . 10

Laciniatus.—Fringed, single mixed. 2 feet . . . 5

HARDY PINKS.

Cyclop.—New variety with strong clove fragrance, single . . . 10

Plumarius (Pheasant's Eye).—Single . . . 5

Plumarius.—Double . . . 15

Four packets, one from each class, Carnations, Perpetual Flowering, Chinese and Japanese and Hardy, for only 30 cents.

DICTAMNUS Flaxinella.—Hardy perennial, with racemes of large showy flowers, often a foot in length; fragrant, foliage ornamental, desirable for Summer hedge. . . 10

DOLICHOS (Hyacinth Bean).—A beautiful climber, growing from 6 to 20 feet. Treat same as Lima Beans. Mixed . . . 5

New Climbing Japan, Daylight.—Following are its advantages over old variety: Plants larger, flowers more beautiful, white seed-pods, very ornamental, very heavy dark-green foliage. Covered from base to extreme end with large spikes of white flowers. Will grow on pole, trellis, fence, over stones, or anywhere . . . 10

DOUBLE DAISY is a perennial plant of poetical celebrity. Quite hardy in most situations, easy culture, requires shade. Flowers from April to June. Start seed in hotbed.

Longfellow.—Rose, fine large flowers . . . 15

Mixed Colors . . . 10

Snowball.—The best white. Flowers are long-stemmed, excellent for cutting . . . 15

Three packets, one each of above, for 30 cents.

DIGITALIS (Fox Glove).—Hardy perennials of easy culture, living for several years without care and yielding tall spikes of showy ringent flowers.

Fine Mixed. 5
Monstrosa.—Best mixed, 4 feet 10

ERIANTHUS **Ravena.**—Perfectly hardy ornamental Grass, resembles Pampas Grass; throws up flower-stems 10 feet high 5

ESCHSCHOLTZIA.—One of the most beautiful and showy of garden flowers. When grown in masses scarcely any plant produces a greater degree of splendor. Easily raised from seed. Sown in Autumn the growth is of increased vigor. California State flower.



CALIFORNIA POPPY.

Alba.—White. 1 foot 5
Californica (California Poppy).—Yellow. 1 foot 5
Crocea.—Orange. 1 foot 5
Crocea Striata.—Striped. 1 foot 5
Crocea fl. pl.—Double flowered. 1 foot 5
Golden West.—Grand new variety, having light canary-yellow flowers, with deep orange blotch at base of each petal, forming a cross in centre. Flowers measure over 4 inches in diameter and have overlapping petals, delicately waved at edges 10
Mixed.—Various colors. 1 foot 5

Five packets, any five of the above varieties, only 20 cents.

EULALIA Japonica.—Hardy, tall, beautiful ornamental Grass, with tassel-like plumes, which take on a delicate tint the latter part of Summer; grand for growing in clumps on the lawn, as they have a tropical appearance 10

FUCHSIA (Lady's Eardrop).—A well-known and favorite flower, of easy culture. Tender perennial, requiring shade and moisture. Fulgens, Single Mixed or Double Mixed, each 15

GAILLARDIA.—The Gaillardias are half-hardy, free-flowering annuals, except "James Kelway." The flowers are a very showy combination of orange, crimson and purple, blended and streaked in various markings. They are good bedders, being strong constant bloomers through the whole Summer.



GAILLARDIA LORENZIANA.

Grandiflora Mixed Varieties.—Hardy 10
James Kelway (Perennial).—Magnificent flowers, gorgeous scarlet, bordered yellow and fringed edges 10
Picta Lorenziana (Double).—Bright colors. Mixed. 2 feet 5
Picta.—Mixed. 2 feet 5

GERANIUM.—Half-hardy perennials; 2 feet. Sow in seedbed in Spring, keep moist and plant out in rich sandy loam. Cuttings may be easily started in pots, if kept moist and shady. Take up in the Fall, pot and keep in a moderately cool cellar during Winter.

Apple Scented. 10
Gold and Bronze 15
Large Flowering Grand Zonale Mixed.—Includes many new and attractive colors 15
Large Flowering Zonale.—Single mixed 10

GILIA.—Unpretending annuals, long in bloom, easy culture, fine for rock work. Mixed varieties 5

GLADIOLUS.—Half-hardy perennials; various colors and shades. 3 feet 10

GODETIA, Rosamond.—New, distinct variety, of dwarf compact growth, with large glossy, light pink flowers. Very effective for bedding or borders 10
Mixed 5

GOMPHRENA, Globe Amaranthus, Bachelor's Button.—Well-known annuals of easy culture. To preserve for Winter decoration the flowers should be fully matured before being gathered.

Nana Compacta Mixed.—6 inches 5
Globosa Mixed—1 foot 5

GOURDS.—The Gourds are annuals, rapid growers, from 10 to 20 feet high, valuable for covering screens or arbors; should have moist, rich, loamy soil to attain perfection. The Bottle and Dipper Gourds are useful when dry for domestic purposes. The inside of the Luffa, Dish Cloth or Bonnet Gourd, is very strong and gauze-like, and can be utilized for many purposes.

Balsam Apple.—10 feet 5
Balsam Pear.—10 feet 5
Dipper 5
Dish Cloth or Bonnet 5
Egg 5
Hercules' Club 5
Large Bottle 5
Large Gourds Mixed 5
Mock Orange.—Striped 5
Small Bottle 5
Small Gourds Mixed 5
Snake Cucumber 5
Sugar Trough 5

Any six packets of Gourds for 20 cents.

GYNERIUM Argenteum (Pampas Grass).—Half-hardy perennial 5

GYPHOPHILA Paniculata (Baby's Breath).—Hardy perennial, white, fine for rockeries, etc. Valuable for bouquets. Everlasting flower 5

HELICHRYSUM.—The Helichrysums are annuals, and the most showy and attractive of all the Everlastings. Scarcely excelled as a garden ornament or a Winter decoration.

Monstrosum.—Single mixed. Largest flowering sorts in mixture 10
Double Mixed 5

HELIOTROPE.—The Heliotrope is a sweet-scented tender perennial. Grows freely in the garden or greenhouse. Fine for bouquets.

Giants.—Newest large flowering varieties mixed 10

HIBISCUS is a very showy flower. Africanus is annual; the Moscheutos or Rose Mallow is perennial.

Africanus.—Yellow and purple. 2 feet 5
Moscheutos.—White and rose. 3 feet 10

HOLLYHOCK.—One of the grandest perennials for a screen, throwing up spikes 4 or 5 feet high of beautiful flowers as double as a Rose. Nothing can be better for a background or to plant among shrubs.

Allegheny.—Mixed. Fringed flowers, like Chrysanthemums 10
Chaters Superb.—Extra choice. Double mixed. The choicest sorts in cultivation 10

Fine Double.—Mixed colors. The colors are white, red, crimson, yellow, and all shades of double flowers from nearly black to pure white, representing the most beautiful combination when planted in groups. Perennial 5

Landreth's Extra Choice.—(See Novelty pages) 20
Single Mixed 5



HOLLYHOCK.



IPOMEEA.

HUMULUS Japonicus Variegatus (Japanese Hop).—One of the quickest-growing climbers, dark leaf, veined and blotched with white markings, forms a dense covering 10

HYACINTHUS Candicans.—White; Cape Hyacinth is a very handsome, fragrant perennial, suitable for the centre of a bed or singly in lawn. 4 feet 5

IPOMEEA.—The Ipomoeas are among the most beautiful of annual running vines.

Coccinea (Star Ipomoea or Scarlet Morning Glory).—12 feet 5
Grandiflora.—Purple. Not so strong as the large common Convolvulus. 12 feet 5
Heavenly Blue.—A beautiful annual Morning Glory, rapid climber, large flowers of azure blue; suitable for greenhouse or garden 10
Quamoclit (Cypress Vine).—Crimson. 10 feet 5
Quamoclit alba (Cypress Vine).—White. 10 feet 5
Quamoclit (Cypress Vine).—Mixed 5
See also Morning Glory and Moonflower.

LANTANA hybrida.—Various shades. Tender perennials; easily raised from seed or increased by cuttings. Fine bedding plants. The flowers are of brilliant changeable colors. 2 feet 10

LATHYRUS Latifolius (Everlasting Pea).—Planted in a moist soil they will produce clusters of pendent flowers—scarlet, rose and white—all Summer, and if properly trained the vine will attain a height of 6 or 8 feet. Hardy perennial. Either of the above colors separate or in mixture, each 10

LINARIA Cymbalaria (Kenilworth Ivy) 10

LINUM Grandiflorum Rubrum (Scarlet Flax).—Showy, hardy annual 5
Perennial Mixed 5

LUPINS.—All varieties are hardy and can be sown in open ground. Annual mixed or perennial mixed, each 5

LYCHNIS.—Perennial, fine for planting among shrubbery, flowers first season.

Chalcedonica.—Brilliant scarlet. 2 feet 5
Haageana.—Scarlet, very fine 10

LOBELIA.—This class of plants is of great beauty and adapted to many varieties of ornamental purposes. The annuals do well in baskets, vases, etc., where graceful, drooping plants are desirable. The compact, almost globular varieties are used for edgings, beds, pots, etc. No garden can be complete without some of the new varieties of Lobelias.

Barnard's Perpetual. —Double blue, white eyes, very fine	10
Crystal Palace Compacta. —Fine dark blue. 4 to 6 inches	10
Erinus Gracilis. —Trailing plant, with blue flowers	5
Tricolor Colibri. —New, pink with carmine spots, white eyes	10
Tricolor Parrot. —New, a beautiful dark blue, with carmine blotches and white eyes	10
White Gem. —Pure white	10

HARDY PERENNIALS.

Cardinal. —Flowers intense scarlet, on long spikes	10
Rivoirei. —Mammoth flowering pink	20



LOBELIA.



MIGNONETTE.

MARIGOLDS are showy annuals of easy culture. The flowers of the African variety, in its perfection, are equal to the double Dahlia. The French, as double as a Ranunculus in appearance, and texture not unlike the richest velvet. Signata pumila is of compact, globulous growth; the flowers, yellow and orange, cover the entire outer surface of the plant.



MARIGOLD.

Africana. —Mixed	5
Dwarf Brownie, or Legion of Honor. —Plants about 6 inches high. Fine for borders or massing. Flowers brilliant gold with maroon blotching, in bloom from early Summer till frost. Single	5
Eldorado. —The largest of the African variety	5
French. —Gold striped, yellow and brown	5
Gift Edge. —Gold margin, dwarf	10
Patula. —Tall varieties, mixed	5
Patula. —Dwarf varieties, mixed	5
Pride of the Garden. —A beautiful, compact little plant, about 16 inches high, covered with large golden yellow flowers of a very large size	10
Signata Pumila. —Yellow striped. 15 inches	5

Any six packets of the above varieties, only 30c.

MAURANDIA Barclayana.—A tender perennial, flowering profusely in the Fall; succeeds best in greenhouse. Grows luxuriantly and does well for baskets and vases in sheltered positions. 10 feet

MIGNONETTE.—No annual is a more general favorite than the Mignonette. Its modest, sweet-scented flowers recommend it to every one. One of the easiest culture, it adapts itself to all situations. Finds a place in the greenhouse or conservatory, in a box or pot on the window, or in the open ground in Summer. Blooms till Fall. Sow seeds several times during season.

Allen's Defiance. —The florist's favorite. Large spikes 13 or 14 inches long, very fragrant, and will keep for weeks after cutting, holding their fragrance, as the buds open daily. Fine for forcing	10
Giant Flowered. —Red. Plants pyramidal in form and very strong with exceedingly large flower-spikes	10
Golden Queen. —10 inches	5
Machet, Dwarf. —Large red. 6 inches	10
Machet, Golden. —A good pot sort	10
Parsons' White. —Almost white, erect growth, with slender spikes, very fragrant	5
Sweet. —Very fragrant. 10 inches	5
Upright. —White	5
Victoria. —Dark red	10

Any three packets of the 10c. varieties for 24c., or three of the 5c. varieties for 12c.

MESEMBRYANTHEMUM Crystallinum (Ice Plant).—White. Start in hotbed and transplant to border in middle of Summer. Highly ornamental and curious. From its glittering surface is sometimes called Diamond Plant. 1 foot

MIMOSA Sensitive (Sensitive Plant).—Various colors. The Sensitive Plant, from its mysterious irritability, is very curious and interesting. When touched will fold its leaves and droop. Of easy culture. 1 foot

MIMULUS.—Splendid house plant, also fine for baskets and vases. If planted outdoors better have a little shade.
Cardinalis (Monkey Flower).—Scarlet. 1 foot
Moschatus (Musk Plant).—Yellow. 8 inches. Annuals, though classed in the greenhouse as perennials. Succeed best in moist soil, partly shaded

MINA lobata.—An attractive and curious climbing annual, buds at first a vivid red, changing to orange-yellow. When fully expanded flowers are creamy white; rapid grower

MIRABILIS Jalapa.—Marvel of Peru, or, as it is generally called, Four O'clock, because it flowers open at this time each afternoon, is a very pretty annual of vigorous growth; bright foliage. Flowers are fragrant, with desirable colors and fine markings. Makes a fine Summer hedge if set in rows a foot apart. Roots may be preserved over Winter like a Dahlia. Mixed
Variegated foliage.—Mixed

U. S. Mail
brings
Landreth's
Seeds and Plants
to your
Post Office
at these Prices,
unless noted.



FOUR O'CLOCK.

MOONFLOWER.—These beautiful rapid-growing climbers will grow about 30 feet in one season. Leaves are large and the flowers, which open as the sun is sinking in the West, are very fragrant. The seeds being hard some have advised filing the end or soaking in hot water, but we have found it best to plant the seeds one-half inch deep and then pour a kettle of scalding water on them. Give them a regular soaking with scalding water.

Bona nox (Evening Glory, Good Night Moonflower).—Pure white, fragrant flowers. Tender annual. 15 feet	5
Learii. —Blue Dawnflower	10

See *Ipomoea* and *Morning Glory*.

One packet each above two varieties, only 12 cents.



MOONFLOWER.



CONVOLVULUS.

NIGELLA Damascena (The Nigella, Love in a Mist, or Devil in the Bush).—A hardy annual. Flowers various shades of blue. Easy culture. 18 inches

NOLANA Prostrata.—Blue and violet. Handsome trailing hardy annual, stems branching and covered with bell-shaped flowers. Sow seed early in Spring where plants are desired, or in seed-bed to be transplanted. Flowers resemble *Convolvulus Minor*, but have more substance. It is seldom too hot or dry to suit them; they prefer same treatment and soil as *Portulacas*. Excellent for rock work, baskets and vases

Landreths' Nasturtiums.

Did you have them last Summer? If not, why not? Landreths' Nasturtiums for 1902 were a great success, but we feel confident that they will be even more satisfactory as our stock contains some new varieties. These flowers require next to no care and thrive best in rather poor soil, enduring heat and dry weather remarkably well. No flower is as desirable for table decoration, for salad, or for arranging with Grapes. Every housewife prizes the seed pods on account of their pungent, peppery taste, and feels her pickles incomplete without them. The flowers are of all colors, from deep chocolate to nearly white, and blossom in profusion until killed by frost. They are very effective when planted in borders, also well suited for vases and baskets. Do not let a Summer pass without having a bed of these refreshing flowers. One can but love them if they know them.

EXCEPT WHEN NOTED, 5 CENTS PER PACKET, 15 CENTS PER OUNCE.

TALL NASTURTIIUMS—3 to 10 feet.

- Atropurpureum.**—Crimson, dark and showy.
Atropurpureum aureis.—Crimson flowers, foliage yellow.
Bright Rose.—Very choice sort, producing a rose-colored flower; quite distinct from usual colors.
Canary Bird Flower.—A beautiful climbing plant; the flowers resemble a canary bird with wings expanded.
Dunnett's Orange.—A very vigorous grower, producing a showy, deep orange flower.
Edouard Otto.—Brownish lilac. A peculiarly beautiful color.
Hemisphaericum.—Orange, rosy scarlet blotches form a fine contrast with light colored sorts.
Heinemanni.—Deep chocolate color.
King Theodore.—Very dark. One of the most attractive on our trial grounds this year.
Landreths' Giants.—See Novelty pages 10
Pearl.—Delicate, creamy white flowers, contrasting finely with the orange, gold and scarlet of more brilliant varieties.
Prince Henry.—Primrose flowers spotted with crimson. A choice sort.
Princess Victoria Louise.—Flowers creamy white with orange blotch at base of each petal. New and one of the choicest. Very effective. 15
Regelianum.—Purple violet.
Scarlet.
Scheuerianum.—Straw shade.
Scheuerianum coccineum.—Striped scarlet.
Schillingi.—Very vigorous grower. Flower yellow, spotted with crimson.
Schulzii.—Scarlet.
Spit Fire.—Remarkable in its intensity of sparkling brilliancy; exceedingly showy; one of the finest sorts.
Vesuvius.—Salmon, brilliant and handsome varieties.
Von Moltke.—Bluish rose.

Twenty-two packets, one each of above and Madam Gunther's Hybrids, for only 75 cents.

Mixed Tall Sorts.—A combination of many tall varieties; colors white, cardinal, orange, rose, scarlet, etc.
Hybrids of Madam Gunther (MIXED COLORS).—An immense improvement over the old climbing varieties; many new and improved colors.

DWARF NASTURTIIUMS—6 to 12 inches.

- Bronze Curled.**—Flowers of bronze metallic lustre; a very distinct color.
Cattell's Crimson.—Showy variety, equal to any in startling effect.
Chameleon.—Crimson, bronze and yellow, very effective.
Crimson.
Crystal Palace Gem.—Sulphur-spotted maroon.
Empress of India.—Foliage purple-blue, bearing brilliant deep scarlet flowers, a profuse bloomer of a most showy class.
King of Tom Thumbs.—Quite distinct, leaves very dark, flowers rich crimson—a brilliant, effective sort.
King Theodore.—The darkest crimson. Foliage inclined to be dark green. An excellent sort.
Pearl.—Flowers white, a rare color among Nasturtiums, producing pleasing effect.
Prince Henry.—Light yellow, marbled with scarlet.
Rose Tom Thumb.—Fine bloomer and a good rose color.

Twelve packets, one each of above eleven varieties and Tom Pouce, for only 40 cents.

Mixed Dwarf Sorts.—A mixture of the best dwarf sorts, producing when in bloom an agreeable effect; in colors of scarlet, crimson, bronze, gold and white.
Tom Pouce (MIXED).—Is a perfect gem for baskets, window boxes, etc.; it is not such a rank grower as the parent type; smaller leaves Pkt. 10c.; per oz., 20c.
Tom Thumb, Golden Queen, Novelty.—Leaves yellow, extremely floriferous, and the large and perfect flowers are thrown well above the foliage, thereby explaining the brilliancy of the effect. It comes true from seed. Fine for borders, massing or in pots. 10

Thirty-six packets, one packet of each of the thirty-six varieties named above, which is enough to fill any garden and home with sunshine all Summer, for only \$1.50.

VEGETABLE NASTURTIIUM.

Common Yellow.—The green seed used for pickling, Dwarf Mixed or Tall Mixed . . . Oz., 10c.; lb., \$1.00

MORNING GLORY.

TALL VARIETIES.

- Brazilian.**—Foliage very large, much serrated, stem vigorous, covered with hair, strong runner; large flowers 5
Imperial Japanese Morning Glory.—Strong, quick-growing vine, foliage blotched, flowers large and variegated, of a wide range of colors; very ornamental. Great improvement over the old-fashioned Morning Glory. Single mixed. 10
Imperial Fringed Mixed. 15
Marmorata.—Variegated foliage 10
Umbellata.—Yellow. Stems hairy, foliage large, savoyed. 10 feet . . . 5
Convolvulus.—The Convolvulus Major is an annual of rapid growth;

- large flowers of many colors and shades; suitable for porches or arbors, blooming in July and constantly till frost.
Double White Tassel.—Snow white, very double and fringed 15
Double Mixed. 10
Single Mixed. 5
Rochester.—A new large flowering variety. Flowers 4 inches or over, are of a deep violet-blue, with a narrow band of white around the edge, wonderfully attractive 10

DWARF VARIETIES.

- Mauritanicus.**—Habit half prostrate; flowers 1 inch. Violet 5
Minor, or Tricolor.—Blue, white and yellow flowers of 1½ inches diameter. Hardy annual, handsome flowers, suitable for vases, hanging baskets and small border. 1 foot 5
 See also *Ipomoea* and *Moonflower*.

Pansies.



"Pansies for thoughts!" Have you ever thought how marvelously beautiful they are? Have you thought that no garden is complete without them? Have you thought Landreths' Pansies the finest in the world? If not, try them this year and you will find them unsurpassed and of unusual size.

Landreths' Pansies order fresh coronation robes each season, robes that rival those of kings and queens. Seeds should be sown out of doors very early in the Spring or during August and the plants protected during Winter. The happy faces of these flowers can but brighten every home.

Bugnot.—Noted for their very large flowers and beautiful coloring. The blotch on the petals radiates through the margin 25

Cassiers.—New Giant Blotched. Same as Odier, excepting the flowers are much larger. Fine form. 15

Diana.—Very pale yellow or cream. Flowers large, full and inclined to ruffle 15

Emperor William.—Splendid blue. 5

Faust (King of the Blacks) 5

German.—Finest mixed 10

Giant Trimardeau.—A distinct class of strong-growing plants bearing enormous flowers, often measuring over 3 inches in diameter. Mixed 10

Good Mixed 5

Landreths' Philadelphia.—This is a special strain of our own, which is without doubt the choicest and embraces the greatest variety of shading imaginable; often measuring 2½ inches in diameter, exquisitely fragrant, and of wonderful substance. 25

Lord Beaconsfield.—Deep violet, shading to a lighter tint. 5

Masterpiece.—This strain represents the highest perfection in the Giant Five-Spotted Pansies. Growth and general habit of plant is strong and compact, stands the warm weather well. The enormous flowers are borne well above the foliage on strong stems, are perfectly round and contain the richest combination of colors that have been offered in Five-Spotted Pansies. Each petal is marked with a very large dark blotch, and most of the flowers have a margin of white or yellow. 20

Odier.—Five-blotched, a very excellent strain of superb flowers; each petal has a deep rich blotch and a bright margin 15

Parisian.—New, very large; an extraordinary fine and showy flower 15

Peacock.—A lovely blue color, tinted and streaked with various shades, resembling a peacock's feathers, edges white 10

Prince Bismarck.—Golden Bronze 5

Snowflake.—Pure white 10

Striped and Mottled.—Very brilliant 5

Sweet Violet (Tricolor odorata) 10

Victoria Red.—Magnificent. Flowers of deep claret-red color, large and very beautiful 10

Yellow Gem.—Pure yellow. 10

Collection of seven packets, Bugnot, Cassiers, Odier, Parisian, Peacock, Victoria Red and Landreths' Philadelphia, for only 70 cents.

MYOSOTIS.—The Forget-me-not is a modest, pretty little flower, a favorite with every one. Half-hardy perennial, flowering the first season. Branches cut and placed in water continue to bloom a long time, nearly as well as if on the plant.

Alpestris.—Blue, white and rose mixed 5

Palustris.—Blue and white. 6 inches 10

Victoria.—Dwarf, globular sky-blue flowers. The finest for pots. A favorite with gardeners 10

NEMOPHILA.—The Nemophila, Baby Eyes or Grove Love, is a hardy annual of dwarf habit, producing cheerful blue, violet and white flowers suitable for edges or borders. 8 inches 5

NICOTIANA (Ornamental Flowering Tobacco).

Affinis.—Annual, fragrant, white, star-shaped flowers 5

Sylvestris.—New, strong-branching plants. Flowers pure white, 1 inch in diameter, with throat over 4 inches long 10

CENEOTHERA (Evening Primrose).—Old-fashioned plant of easy



FORGET-ME-NOT.

Have you noticed the beautiful bed of Flowers described in our Novelty pages, which will be a perfect delight all Summer, and it costs only 25c.?

culture, opening their flowers suddenly in the evening, causing a little noise or report, making them quite a curiosity.

Drummondii Nana Mixed.—Plant about 1 foot high, covered with bright yellow flowers every evening 10

Annual Varieties Mixed 5

PÆONY.—Hardy tuberous-rooted perennial. Sow seed in Spring and plant out in Fall, protecting with litter the first season. 2 feet 10

PENTSTEMON Large Flowering Mixed.—Hardy perennials. Border plants. 2 to 3 feet. 10

MY DEAR MR. VICK :—

I did feel disappointed when I learned that you were no longer connected with the old Rochester Seedhouse, but everything you sent me last Spring proved that the quality of Landreths' Seeds is unsurpassed. We shall know where to send in the future. Be kind enough to mail the 1903 Catalogue as soon as ready. Yours very truly,

JANE PATTERSON.

Hillsdale Co., Mich.,
Nov. 6, 1902.

Look over the Novelty and Specialty pages again. There are many valuable Flowers and Vegetables mentioned, but we do not exaggerate as some firms do. We desire our customers to prove for themselves the value of Landreths' Seeds, and have in their gardens Flowers and Vegetables far better than we picture them in our descriptions.



NICOTIANA.

Phlox.

Phlox Drummondii Grandiflora.—This is the Large Flowering Class, and in all its varieties of colors and shades cannot be excelled by any annual for brilliant and constant display. Blooms from July to November, and should have rich, light soil. The seed may be sown in hotbed in March and the plants planted out in June, or when ground becomes warm may be sown where they are to stand. No wonder these brilliant blooms are called Flame Flowers.

Alba.—White 5
Atropurpurea striata.—Dark striped 5
Coccinea.—Scarlet, 1 foot 5
Delicata.—Rose, with white centre. 5



STAR PHLOX.

Kermesina.—Bright crimson. 5
Meteor.—Fiery scarlet 5
Nana compacta.—Dwarf mixed 10
Oculata.—White-eyed 5
Rose.—Fine shade 5
Fine Mixed.—Various colors. 1 foot 5
Star of Quedlinburg Mixed.—Bears star-shaped flowers; easy culture. A very odd and handsome flower. Hardy annual 10
Fringed Mixed. 10
Star and Fringed Mixed. 10
Dwarf Fireball.—Blood red 10
Dwarf Snowball.—White; compact, 8 inches high 10
Dwarf Mixed. 10
Superba or Decussata Mixed.—Hardy perennial Phlox, blooms from May to November, producing a great variety of beautiful flowers. Seed sown in the Fall will produce fine plants the following year. Mixed colors, 3 feet 5

Any four of the 10c. packets for 30 cents, or any five of the 5c. packets for 20 cents.



PHLOX DRUMMONDII GRANDIFLORA.

PETUNIAS are annuals of extraordinary merit and of easy culture, producing a fine effect by reason of the beautiful combination of colors. In the greenhouse they may be classed as perennials. Cuttings from potted plants may be struck at any time. In the garden, conservatory or greenhouse it produces most beautiful flowers in great profusion. Will grow freely in any soil, but the richer the soil the better effect produced. Also fine for boxes, vases, etc.

BEDDING SINGLE.

Alba.—Pure white 10
Belle Etoile.—Small flowered, single. White and purple; profuse bloomer. 2 feet 5
Brilliant Rose. 20
Countess of Ellesmere.—Great bloomer, rose and white, small flowered, single 5
Nana Multiflora.—Plants only 7 ins. high, covered with striped flowers 10
Purpurea.—Purple, 2 feet 5
Hybrida.—Mixed colors. Single. 2 feet 5

LARGE FLOWERING SINGLE.

Grandiflora Finest Mixed.—Huge flowers; great variety of color. Single. 2 feet 20
Grandiflora White.—Largest flowers, single 20



PETUNIA, SINGLE.

DOUBLE LARGE FLOWERED.
Grandiflora Extra Fine Mixed. 20
CHOICEST AND FINEST MIXED.
DOUBLE LARGE FLOWERED FRINGED. 20

SINGLE LARGE FLOWERED FRINGED.
CHOICEST AND FINEST MIXED.—Selected from a superb strain. 20
Giants of California.—Finest strain. A grand strain produced in California. Flowers over 4 inches in diameter, with a great range of gorgeous colors, presenting a wonderful combination of stripings, veinings and blotchings. Single. 20
Any six packets named above, selected strain of Petunias, for only \$1.00.

POPPY.—These old favorites have become very popular again, the new varieties adding greatly to their attractiveness. Every garden should have a good supply of Poppies. They fit in most anywhere and the perennial varieties remain for years. Bracteatum, Iceland and Orientale are perennials, the others annuals. Sow seed in the open ground in the Spring or Fall. Will not bear transplanting. Most brilliant and showy flowers.

American Flag.—Double flowers, white with scarlet 5
Bracteatum.—Perfectly hardy. Scarlet. 2 feet. Single perennial 5
Carnation.—Various colors, fringed, double 5
Danebrog.—Scarlet, with white cross 5
Iceland.—Mixed colors. Perennials; if sown in February will flower the same year and yield brilliant flowers all the season. Single 10
Irresistible.—Very large double, handsome flowers of a fine rose color; annual 10
Orientale (Perennial).—Dark scarlet, purple spots, perfectly hardy 5
Pæony Flowered.—Resembling a Pæony. Various colors. 15 inches. Double 5
Peacock.—Scarlet, single, with black cross. 5
Ranunculus Flowered.—All colors from crimson to white, mixed. Fifteen inches. Double 5
Shirley.—Flowers of a glossy silk-like texture, single or semi-double, colors light shades of crimson, rose, pink to rosy-white, some bordered with white, others striped and blotched; mixed 5



SINGLE POPPY.

Any five of the 5c. packets for 20 cents, or the three 10c. packets for 25 cents.



Landreths' Sweet Peas.

What a stir these winged favorites have made in the world during the past few years! Now no one is willing to live without them, no matter how small the garden. After watching the Sweet Peas on our Trial Grounds for several years, we have concluded to drop many varieties which are so nearly alike that it is almost impossible to tell them apart. The varieties we consider the best are printed in black face type, while those which are similar follow in parentheses. This we feel certain will be more satisfactory to our customers. You want only the finest flowers, and we are anxious to prove that our Sweet Peas are the best in America.

Choice Selection. 4 Ounces to 100 Feet of Row. Packet, 5c.; oz., 10c.; ¼ lb., 20c.; ½ lb., 35c.; lb., 60c. Any 7 packets, 25c.; or any 4 ounces for 25c., unless otherwise stated on list. Notice special offer at bottom of list.

America (Queen of the Isles).—Bright red stripes on white ground. No. 19.
Apple Blossom.—Bright rosy pink and white. Very choice. Similar to American Belle. Black seed. No. 3.
Aurora.—White, flaked with rosy scarlet. One of the largest flowering varieties. No. 28.
Blanche Burpee.—Eckford's white.
Boreatton (Black Knight).—Purple crimson, very dark velvety maroon. Distinct color. Similar to Stanley. Dark seeds. No. 14.
Captain Clark (Columbia).—White, shaded blue, penciled. No. 35.
Captivation (Duke of Westminster, Waverly).—Light magenta. No. 11.
Coquette (Alice Eckford, Lady Beaconsfield).—Deep primrose. No. 7.
Countess of Radnor (New Countess).—Delicate lavender and reddish mauve. Very superior—a good stock. Similar to Princess May. Brown seed. No. 9.
Crown Jewel (Little Dorrit).—Creamy white, tinted with rose. No. 38.
Dorothy Tennant.—Showy, purple-blue. Fine variety. Lighter colored than the Emily Eckford. No. 10.
Duke of Sutherland (Indigo King, Shabzada).—Deep claret and dark blue. No. 36.
Emily Eckford (Creole).—Violet-blue, best of that color. Large, bold flower. Round spotted seed. No. 12.
Emily Henderson (Queen of England).—Pure white. Earliest to flower. Compact vine. White seed. No. 1.
Extra Early Blanche Ferry.—Rose standard, white wings. The earliest in cultivation. Fine for forcing.
Fairy Queen (Sensation).—White, penciled with pink. Black seed. No. 29.
Firefly (Scarlet Invincible).—Brightest of the scarlets. Fine solid color. Very similar to Cardinal. Black seed. No. 16.
Gorgeous (Lady Penzance, Countess of Powis, Mars).—Veined. No. 33.
Gray Friar.—Watered purple on creamy white ground. A beautiful variety. No. 20.
Hon. F. Bouverie.—Pink and salmon. No. 18.
Improved Painted Lady (Blanche Ferry).—Rosy crimson and white. An excellent sort. Short vine. Black seed. No. 4.
Invincible.—Scarlet. No. 17.
Juanita.—Broad stripes of light lavender on white ground.
Katharine Tracy (Mrs. Gladstone).—Pink, shading to rose. No. 31.
Lady Grisel Hamilton (New Countess).—Light lavender and azure blue.
Lady Mary Currie.—Rich orange, pink veined.
Lavender.—No. 22.
Lottie Eckford.—White, shaded with pink and indigo. Similar to Captain Clark. Black seed. No. 5.
Lottie Hutchins.—Creamy ground with light pink stripes. No. 23.
Maid of Honor.—A great improvement on the old Butterfly. White edged, shaded blue. No. 13.
Mrs. Dugdale.—Deep rose, wings lighter. Very large flowers. No. 24.
Mrs. Eckford (Primrose).—Light canary, nearly yellow. Similar to Primrose. Light seed. No. 21.
Mrs. Joseph Chamberlain (Gaiety).—White, striped with soft pink. One of the best striped varieties. No. 40.

Mrs. Sankey.—Pure white. Flowers large. Similar to Queen of England, but larger flower. Black seed. No. 2.
Navy Blue (Captain of Blues, Countess Cadogan).—Dark blue, standards brilliant royal purple, wings pure violet. No. 34.
Othello.—Glossy maroon with rich deep shading. No. 15.
Prima Donna (Blushing Beauty, California, Royal Robe).—A beautiful pink, self-colored. No. 8.
Prince of Wales (Splendor, Her Majesty).—Bright rose, self-colored. No. 6.
Princess of Wales.—Lavender mauve, purple and carnation striped. Fine sort. Black seed. No. 25.
Purple Prince.—Large, well-expanded flower, deep purple. No. 30.
Ramona.—Creamy white, daintily splashed with pink. One of the finest.
Red Riding Hood.—An entirely new type. White, with rose hood.
Royal Rose.—Bright rosy pink, wings lighter. No. 26.
Salopian (Ignea).—Deep crimson, suffused with orange or scarlet. No. 39.
Splendor.—Crimson and magenta. Choice. Similar to Duchess of Edinburgh. Black seed. No. 37.
Stella Morse.—Apricot shade, fine for cut flowers. No. 32.
Venus.—Rose, with a buff and decided sulphur tint. Excellent. Late to flower. Black seed. No. 27.

MIXED CLASS.

Extra Special.—From new and largest flowering varieties. Finest colored sorts. Per lb., 75c.; per oz., 15c.
First Selection.—All the above sorts mixed. Per lb., 60c.; per oz., 10c.
Second Selection.—An excellent mixture of good sorts. Per lb., 40c.; per oz., 10c.

TRIAL PACKETS.

Our trial packets of Vegetable Seeds for the gardener have met with such a hearty reception that we have decided to include some of the leading Flower Seeds another year, and therefore offer

SWEET PEAS FOR TRIAL.

For trial only we offer at the nominal price of only one cent per packet (mailed free), sample packets of the cream of the above list of Sweet Peas. These collections cannot be broken or changed, as they were packed early, before the rush of business, and to change one packet would cost more than it's worth. This enables every one not only to test and become acquainted with the Sweet Peas, but also to have a fine collection of the different varieties for the Flower Shows, and to cut in separate colors for special purposes.

20 trial packets, those numbered from 1 to 20 inclusive, 25c.
 40 trial packets, those numbered from 1 to 40 inclusive, 40c.

PASSIFLORA (Passion Flower).—Purple, violet and white. The Passion Flower is a half-hardy perennial, in favorable situations grows vigorously, and produces a profusion of beautiful flowers. Mixed. 20 feet 10



DOUBLE PYRETHRUM.

Five packets, one each above, for only 35 cents.

PRIMULA.—**Primrose.** *Sinensis Fimbriata*. Single mixed (Chinese Primrose, var.)—The Chinese Primrose is a beautiful tender perennial, cultivated for greenhouse and conservatory decorations. Sow seed in shallow pans, with a pane of glass laid over the top to prevent evaporation or the necessity of frequent watering. 6 inches 25

Auricula.—Hardy perennial, produces beautiful flowers of various colors and shades. Sow seed in box early in Spring or outdoors in Autumn; protect well during Winter. Rich soil. 6 inches 15

Forbesi (Baby Primrose).—Lavender flowers, continuous bloomer 20

Japonica.—A hardy Japanese Primrose.

Flowers are very bright and showy, borne on long stems 10

Obconica.—A distinct variety with rounded leaves of light green color. The delicate little flowers are creamy white, tinted with lilac and borne on long slender stems well above the foliage; at times are one mass of flowers. Single 10

Polyanthus.—Hardy perennial, grows freely in rich, moist, partially shaded position. 6 inches 5

Veris (Cowslip).—The *Primula veris*, or English Cowslip, hardy perennial, is a well-known favorite. Flowers mostly yellow and red. Propagated by seeds or division of roots. 6 inches 5

PYRETHRUM.—These beautiful flowers are among the finest that grow. They are equal to Chrysanthemums and Asters, and if better known would be in every garden. You make no mistake adding them to your list.

Aureum (Golden Feather).—Annual, orange. 1 foot 5

Roseum.—Rose, hardy perennial. 18 inches. 5

Selaginoides.—Golden fern-like foliage, annual, fine for border 5

Three packets, one each of above, for only 10 cents.

Single Mixed 5

Double Mixed 5



RICINUS.

SCHIZANTHUS.—Mixed. The Schizanthus, in all its varieties, is a very pretty annual, blooming freely until late, but attaining its highest perfection when grown in pots in the greenhouse. 2 feet 5

Cærulea.—Large violet flowers 10

PORTULACA.

—One of the most showy and beautiful of border flowers. The seed germinates freely and flourishes in almost any situation. Does not grow over 6 inches high. Any one can grow it in any garden. In the open they make a gorgeous bed, as they love the hot sun and a sandy soil.

Double Alba.—White 10

Double Rosea.—Rose 10

Double Sulphurea.—Sulphur yellow. 10

Double.—Mixed colors, very fine 10

Grandiflora Single Mixed.—Large flowers of 15 to 20 colors mixed. 5



PRIMULA.

RHODANTHE.—One of the prettiest and most delicate of the Everlastings. Flowers should be cut before fully opened.

Choicest Mixed.—All colors 5

RICINUS.—The Ricinus or Castor Bean, in all its varieties, has a showy tropical appearance, singly or in groups.

Cambogiensis.—The stem and leaf stalks are ebony black, large leaves and richly colored 5

Gibsoni.—Dark red. 6 feet 5

Macrocarpus.—Dark green. 5 ft. 5

Sanguineus.—Red stalks and foliage, with bronze tinge, seed-pods scarlet. 10 feet. 5

Zanzibariensis.—Largest-leaved variety, an elegant centre plant. Leaves often 3 feet across 5

Mixed Varieties 5

One packet of each of the above 5 varieties for 20 cents.

SALPIGLOSSIS.—The flowers, which are many colored, are beautifully and delicately penciled. Where known they are great favorites, as the flowers are very rich and chaste Half-hardy annual.

Grandiflora.—Finest and best, mixed 5

Emperor.—New. Has only one stem, which grows about two feet high, and is literally covered with beautiful flowers, making a bouquet of itself. Certainly worthy a trial 10



SALPIGLOSSIS.



SALVIA.

SALVIA.—Half-hardy perennials. Sow seed in hotbed or box in house, and plant out when ground is warm or sow outdoors latter part of May. Must be taken up in the Fall.

Bonfire.—The finest dwarf variety, from 2 to 3 feet high; forms a dense, compact bush, is a heavy bloomer. Brilliant scarlet (see Novelties) 10

Coccinea splendens (Scarlet Sage).—2 feet 5

Patens.—Blue. 1 foot 15

Silverspot.—New (see Novelty pages). Beautifully spotted 20

SCABIOSA.—Pincushion Flower, known the world over as Mourning Bride. Is a well-known annual. Easy culture; blooms all the season. Fine for bouquets.

Double Purple 5

Double Snowball.—Pure white 5

Double Scarlet. 5

Perfecto.—One of the handsomest and best. Plants about 2½ feet high. Flowers semi-double, over 3 inches across. Color a beautiful blue. Perfectly hardy 15

Stellata.—Bears curious seed-pods which work up well with Everlastings. 10

Dwarf Varieties.—Mixed 5

Tall Varieties.—Mixed 5

SILENE (*Bonnetti compacta*).—Double. Beautiful little plant 4 inches high by 6 inches in diameter, covered with rosy carmine flowers 10

STIPA pennata.—Feather Grass is the most graceful of all the small ornamental Grasses 5



SUNFLOWER.



SCABIOSA.

SUNFLOWER (*Helianthus*).—The Sunflower is a well-known old-fashioned favorite, of late years wonderfully improved. The size and brilliancy of their flowers make them worthy of a place in every garden.

Argophyllus (Texas Silver Leaf).—Striped. 6 feet 5

Cucumerifolius.—Single. Dwarf habit, bears many small flowers. Orange and black. 3 feet 10

Cucumerifolius.—Double 10

Cucumerifolius nanus compacta.—New (see Novelty pages). 15

Giganteus (Russian).—Golden. 8 feet 5

Globosus.—Globe flowered, yellow. 3 feet 5

Dwarf Double Mixed.—3 feet. Bears densely double flowers 5

Tall Single Mixed 5

Tall Double Mixed 5



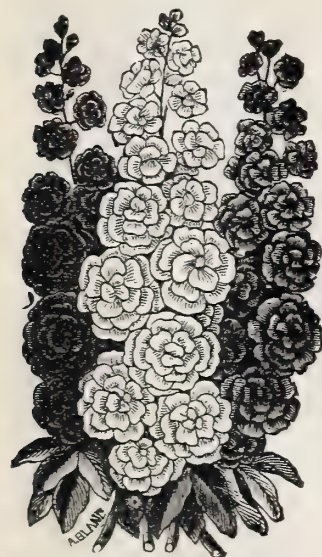
SWEET WILLIAM.

SMILAX (*Myrsiphyllum Asparagoides*).—White. Smilax Vine is a green perennial, largely used by florists for decorating, making bouquets, wreaths, etc. Plant the seed in a warm part of greenhouse, in a loamy leafy soil. 10 feet 5

SWEET WILLIAM.—These flowers were favorites in our grandfathers' gardens. They bloom early in the Spring and continue in flower a long time. Plants are hardy and their number may be increased by dividing the roots. Colors run from purple to white.

Double Mixed. 1 foot 5
Single Mixed. 1 foot 5

TEN WEEKS' STOCK.—This is a half-hardy annual, beautiful and fragrant. Sow under glass or on warm border early in Spring, transplant to rich ground. **Landreth's Mammoth Pyramidal Mixed.**—The finest and best for the garden; plants grow 2 feet high. The flowers, which are borne on long spikes, are very large and double 15
Cut and Come Again (Princess Alice) is the finest and most floriferous white sort. For garden, pot or cut-flower use, it cannot be equaled. 10
Large Flowering Dwarf Varieties.—Mixed. 1 foot 10
Large Flowering Dark Blood Red 10
Large Flowering Dark Blue 10
Large Flowering Purple 10
Large Flowering Rose 10
Large Flowering Scarlet 10
Large Flowering White 10
Large Flowering Yellow 10



TEN WEEKS' STOCK.

MR. JAMES VICK, Philadelphia.

My Dear Mr. Vick:—I always sent to Rochester for Seeds when you were there, but must own that the Stocks and Cannas you sent me from Landreth & Sons are the finest I have ever seen. The flower stalks were very large, the colors beautiful and the fragrance of the Stocks most delicious. The Asters too are blossoming well. I shall look anxiously for the 1903 Catalogue, and be assured my order for Seeds and Plants will follow you wherever you are. Truly yours,

F. K. G.

ERIE COUNTY, N. Y.,
October 21, 1902.

BROMPTON STOCK (*Simplicaulis*, var.).—This is a half-hardy biennial, large, richly colored flower. Grows more branching than the Ten Weeks' Stock. Sow in May, and when about 2 inches high pot singly to protect during Winter. 1 foot 10

THUNBERGIA.—Handsome climbing greenhouse perennials, but will succeed in open ground as annuals if planted in a warm sunny border; fine for baskets, etc. **Best Mixed.**—5 feet 5

TORENIA (*Giant Flowering Varieties*).—Flowers more than twice the size of the old Torenia. Low spreading or trailing plants. Fine for pots, boxes, vases, etc. Equally good for bedding. **Fournieri.**—Fine mixed 10
The Bride.—Upper portion of flower pure white, lower part pink. A very beautiful and charming plant 15
Violetta.—Very large pure white flowers, with a tint of porcelain blue, and violet spots on lower section. Just lovely 15

One packet of each of the named varieties for 20 cents.

VERBENA.—The Verbenas are half-hardy perennials. No flower garden is complete without Verbena. Mostly upright, but when prostrate taking root freely where stems come in contact with the ground. Grand for bedding. **Auricula-flowered.**—White eye 10
Dark Scarlet Shades 10
Firefly 10
Hybrida Mixed 5
Mammoth Grandiflora.—Large flowering varieties. An extraordinary fine strain of large size flowers, distinctly and beautifully marked. The florets often measure nearly one inch in diameter. **Mammoth Large Flowering Varieties.**—Mixed 10
Purple 10
Rose 10
White 10

VINCA.—"Periwinkle." Valuable for pot culture, tender perennials. Sown early blooms same season (see Novelty pages). **Alba pura.**—Pure white 5
Rosea. 5
White Rose Eye 5
Mixed 5

WALLFLOWER is a great favorite. It is a half-hardy biennial, producing beautiful fragrant flowers. Requires protection during the Winter.

Early Paris.—New, a very valuable addition to the garden; flowers the first season 10
Large Flowering Double Mixed 5
Large Flowering Single Mixed.—2 feet 5

WHITLAVIA.—Hardy annuals. Flowers are bell-shaped, blossoming from June to October. Requires light, sandy loam. Prefers a little shade. **Finest Varieties Mixed** 5

XERANTHEMUM.—Hardy annuals, bearing flowers in profusion. Much prized for Winter bouquets. Height 2 feet. The best varieties mixed 5



VERBENA.



ZINNIA.

ZINNIA.—Double. Is an annual of robust habit, blooming from July to October. Seeds can be planted in the open, or young plants transplanted if desired. Dwarf varieties should stand about one foot apart, and tall varieties double this distance. Will grow anywhere and stand any amount of rough treatment.

Curled and Crested.—Mixed colors, presents an entirely new class of this favorite flower. The petals are most fantastically plumed and twisted. 10

Giant or Mammoth Flowering.—Scarlet and striped 10

Haageana.—A beautiful little flower, not larger than a 25-cent piece. See Novelty pages 10

Large Flowering Dwarf Mixed 5

Large Flowering Tall Mixed.—All colors. 2 feet 5

Liliput.—Plants dwarf and compact. Flowers small, perfectly double, pompon-shaped, about size of large Daisies. Grand for pots, borders, or bedding. Mixed colors 10

Liliput Scarlet 10

Queen Victoria.—White 10

Tom Thumb.—A bushy compact little plant, about 8 inches high. Free flowering, fine for borders 10

Mixed 10

SEEDS AND PLANTS FOR A SPECIAL OBJECT.

CLIMBING PLANTS.

Ampelopsis, Aristolochia, Akebia, Balloon Vine, Bryonopsis, Balsam Apple, Boston Ivy, Bignonia, Cardiospermum, Centrosema, Clematis, Cobaea, Convolvulus, Cypress Vine, Chinese Matrimony Vine, Chinese Yam, Cinnamon Vine, Dolichos, Dutchman's Pipe, Echinosystis, Gourds, Honeysuckle, Hedysarium, Humulus, Ipomoea, Ivy, Japan Ivy, Lathyrus, Maurandia, Manettia Vine, Madeira Vine, Mina, Momordica, Moonflower, Morning Glory, Climbing Roses, Smilax, Sweet Peas, Solanum, Thunbergia, Tropaeolum Majus, Wistaria.

EVERLASTING FLOWERS.

Acroclinium, Ammobium, Gomphrena, Helichrysum, Rhodanthe, Xeranthemum.

ORNAMENTAL GRASSES.

Coix lachrymae, Gynierium, Gypsophila, Job's Tears, Stipa.

VASES, BASKETS, BOXES, ETC.

Abronia, Abutilon, Ageratum, Sweet Alyssum, Aspidistra, Artillery Plant, Begonia, Canna, Coleus, Cobaea, Cuphea, Dracena, Fuchsia, Grevilla, Geraniums, Heliotrope, Ivy, Lobelia, Lantana, Mimulus, Myosotis, Maurandia, Manettia Vine, Mexican Primrose, Madeira Vine, Mignonne, Nolana, Oxalis, Othona, Petunia, Rivina, Sanvitalia, Schizanthus, Solanum, Tropaeolum, Thunbergia, Torenia, Verbena, Veronica, Vinca.

CEMETERIES. HARDY.

Anemone, Astilbe, Achillea, Eulalia, Goldflower, Hamerocallis, Hydrangea paniculata, Lilies, Lily of Valley, Paeonies, Pinks, Hardy Roses, Spirea.

ALEXANDRIA, VA., October 20, 1902.

DAVID LANDRETH & SONS, Philadelphia.

Gentlemen:—Our business was established in 1792 by the great-grandfather of the present proprietors, and during this entire period of one hundred and ten years our Seed Department has been supplied with Landreth's Seeds. Your Seeds have always borne a high reputation and have given entire satisfaction, and it is our expectation to handle them as long as our business shall exist. Very truly,

E. S. LEADBEATER & SONS.

Tender Plants and Bulbs.

Abutilon.

(Flowering Maple or Chinese Bell Flower). Plants, each, 10c.; dozen, \$1.00, unless noted.

ECLIPSE.—A splendid trailing variety, suitable for baskets, boxes and vases. Foliage marbled green and yellow, flowers yellow with scarlet.

GOLDEN FLEECE.—Free flowering variety, with large pure yellow flowers.

MRS. JOHN LAING.—Flowers purplish-rose, beautifully veined.

SANTANA.—A beautiful carmine flower.

SAVITZI.—A charming plant with foliage quite like the Silver-Leaved Geranium, the leaves having a broad white margin; a fine decorative plant, working in with Palms, etc.

SOUVENIR DE BONN.—Large bronze-red flowers; strong plant, with large dark-green leaves with a broad white margin. A distinct variety; makes a most attractive pot plant, also fine for bedding. On our grounds, and in many of the finest parks, we noticed this variety did better than any other for beds or borders. Each 10c.; doz. \$1.00. By Express, not prepaid, \$6.00 per 100.



ABUTILON SOUVENIR DE BONN.

Aspidistra.

A strong-growing decorative plant; will succeed almost anywhere. Plants, 50c. each.

Asparagus.



ASPARAGUS SPRENGERI.

SPRENGERI.—

A very desirable and useful pot plant or for hanging basket. An excellent house plant, as it withstands the dry atmosphere of the room; enjoys plenty of water every day. Each, 15c. 2 for 25c.

PLUMOSUS

NANUS.—A graceful climbing plant, seems to have superseded the old Smilax. Fine for decorative purposes or as a pot plant. Each, 15c.; 2 for 25c.

Acalypha.

MACAFEANA.—A handsome variegated foliage bedding plant; works in splendidly with other foliage plants. A bed of this plant with a border of Abutilon Souvenir De Bonn will always attract attention. Plants, each, 10c.; dozen, \$1.00. By Express, at expense of purchaser, \$6.00 per 100.

SANDERI.—Often called Comet or Chenille Plant, as the long soft crimson-scarlet blossoms are very fluffy and trailing. 20c. each; 2 for 30c.

Alternanthera.

A beautiful class of dwarf plants growing only 6 inches high, admirably adapted for forming letters, ribbon lines, edgings or beds. Can be cut with shears, and like lawn grass grows thicker and stronger. Your initials marked on the lawn with these plants is very pleasing.

AUREA NANA.—Bright golden yellow.

BRILLIANTISUM.—New. Brilliant scarlet; when worked in the lawn or with other plants the effect is very striking.

PARONYCHOIDES MAJOR.—The best red.

ROSEA NANA.—Rosy crimson.

VERSICOLOR.—Chocolate, green and red.

Plants, each, 10c.; doz. 75c. By Express or Freight, not prepaid, \$4.00 per 100; \$35.00 per 1000.

Begonias.

This charming class of plants has an almost endless number of varieties and has been greatly improved during the past few years.

Tuberous-rooted Varieties.

TUBEROUS BEGONIAS.—This plant, both double and single flowering, has been developed as respects size and variety of colors as to have become the queen of the bedding plants. The roots, like the roots of the Lily, are sold singly or by the dozen, and in the open garden should be set out in the Spring about Corn-planting time, when without any attention they will bloom as freely as weeds and continuously until killed by frost, when they should be taken up for preservation for the next year. The plant does best when shaded from the hot sun, but will develop satisfactorily without protection. The flowers, saucer-shaped and of four very large petals, are 3 to 6 inches in diameter and of every gradation of color, from pure white to dark mahogany, sometimes three or four colors in a single flower. The flower stems are from 6 to 10 inches long, admirably fitted for display in vases or in broad, shallow dishes, in both of which situations they retain their vigor for two or more days.

The bush grows from 10 to 15 inches high and of an equal diameter, the leaves varying in form, sometimes 6 inches long, are ornamental, deep green, thick and succulent. The plant is well adapted for growing in pots for porch decoration, and as before remarked, will thrive in the shade.

The double flowers are very full and curious, but do not develop that rare delicacy of color as common in the single flowers. In appearance they are somewhat similar to double Hollyhocks, but far more delicate and brilliant. Try them in pots on front porch.

See Colored Illustrations on Front Cover.

Double—White, scarlet, pink and yellow, 20c. each; \$2.00 per doz.

Single—White, crimson, yellow, scarlet and pink, 10c. each; 90c. per doz.

Flowering Varieties.

Price, 15c. each; \$1.50 doz., except as noted.



TUBEROUS BEGONIA.



REX BEGONIA.

ARGENTEA GUTTATA.—A very fine variety; foliage of rich green with purplish-bronze cast at times, spotted with silver.
ALBA PICTA.—Foliage glossy green, spotted with white.
GLOIRE DE LORRAINE.—The greatest addition to Winter-flowering Begonias. The beautiful rosy-pink flowers literally cover the bush, which stands about 14 inches high, making a very graceful and attractive plant. Each, 25c.; 2 for 35c.
HAAGEANA.—One of the finest; flowers very large, creamy white, with a tinge of pink. Large bronzy-green foliage, the under side red.
METALLICA.—A shrubby erect-growing variety, surface of leaves a metallic or bronze color, with depressed dark-red veins.
SANDERSONII.—Dwarf plant with scarlet flowers; a constant bloomer.

REX VARIETIES.

20c. each; six separate varieties, 90c.

COUNTESS LOUISE ERDODY.—The great peculiarity of this plant is the fact that one side of the base of the leaf winds in a spiral-like way resembling a corkscrew, and the plant is often called the Corkscrew Begonia. The leaf has a metallic lustre, dark-silvery in the centre, shading to coppery-rose toward the margin.

LESONDSII.—One of the largest and finest; a magnificent plant. It is a cross between the Begonia Diadema and a Rex variety. Many think it the best of the Rex varieties.

LOUISE CLOSSON.—A very beautiful and rich variety. Centre of leaf is deep bronze with wide margin of silvery-rose, edged bronze, giving the leaf a purplish tint. The oddest color in this family.

MANICATA AUREA.—A beautifully variegated plant, blotched with cream color, often pure white, deepening into Canary. These bold markings are very pleasing and striking.



FANCY-LEAVED CALADIUM.

Caladium.

FANCY-LEAVED.—Will do well planted out of doors after the earth is warm, if in a partly shaded place. Very decorative; the markings are wonderful. 20c. each; \$2.00 per doz.

ESCULENTUM (Elephant's Ear).—One of the most effective of our ornamental plants; will grow in any ordinary garden soil; leaves often measure 3 or 4 feet long by 2 feet or over wide. Large-sized bulbs, 25c. each; \$2.50 per doz. Medium or second size, 15c. each; \$1.50 per doz.

Calla Lilies.

SPOTTED LEAF, Alba Maculata.—The leaves are marked with white spots and markings of golden yellow; lower petals dark salmon, yellow centre. A fine effect can be made by placing a row in front of the porch. Set plants about 18 inches apart. 10c. each; \$1.00 per doz.



SPOTTED CALLA.

Cannas.

The Cannas are growing in favor every year as bedding plants, in fact a yard hardly seems rightly planted without some of these gorgeous flowers. A fine effect can be made by placing a row in front of the porch. Set plants about 18 inches apart.

NEW ORCHID-FLOWERED.

ALEMANNIA.—Very large flowers; upper petals salmon, with broad border and markings of golden yellow; lower petals dark salmon, yellow centre.
AUSTRIA.—Large flowers measuring nearly 7 inches, Canary yellow, the two inside petals showing a few traces of reddish-brown dots.
BURBANK.—Large flowers, rich Canary yellow.
ITALIA.—Throws up stems about 16 inches above the foliage, covered with flowers of large bright orange-scarlet with broad border of golden yellow. 15c. each; \$1.50 per doz. Set of 4 for 50c.



CANNA.

All goods in this Catalogue delivered free, unless noted.

LANDRETHS' SELECT LIST.

ALPHONSE BOUVIER.—A strong, tall-growing variety, flowers brilliant crimson, constant bloomer; 6 to 7 feet.
BEAUTE POITEVINE.—A free-flowering, bright crimson variety, blooms early and continuously; 3 feet.
BASSETT'S RED.—The darkest colored foliage of all the Cannas, which is of the richest plum; a handsome ornamental plant.
CHARLES HENDERSON.—Brilliant crimson and one of the most popular Cannas; 3½ feet high.
EGANDALE.—Flowers currant-red, foliage bronzy purple; 4 feet.
EXPLOREUR CRAMPBELL.—Clear vermillion, tinted scarlet; 4½ feet.
FLORENCE VAUGHAN.—Brilliant golden yellow dotted with scarlet, one of the finest yellow-spotted varieties, large size; 3½ feet.
J. D. EISELE.—Vermilion-scarlet, overlaid with orange. Strong grower, with very large flowers produced in large trusses. One of the best, 3½ feet.
MINE D'OR.—Flowers yellow with lower petal red. A very fine flower.
MME. LEON LECLERC.—Bright orange-scarlet, with narrow yellow margin on each petal; 5 feet.
MADAM CROZY.—A very popular variety; crimson-scarlet with golden-yellow border; strong, vigorous plant; 4 feet.
MLLE. BERAT.—Soft shade of rosy carmine, nearest to a pink; makes fine contrast with yellows or reds; 4 feet.
PAPA.—One of the finest reds; large flowers, strong grower; 3½ feet.
QUEEN CHARLOTTE.—Foliage bluish-green, flower very large, brilliant scarlet-crimson with broad band of bright Canary yellow; 3 feet.
SECRETAIRE CHABANNE.—New. The large round flowers are of orange, with deep shadings; fine for massing with high-colored varieties; 4 feet. 10c. each, \$1.00 per doz., dry roots. Strong plants from 3-inch pots, 15c. each; \$1.50 per doz.

Choice Carnations.

One dozen of the best varieties, selected from a very large list, that have been tried and found to be worthy of cultivation.

DAYBREAK.—Large flower, a delicate shade of pink; a great favorite.
FLORA HILL.—Flowers of enormous size, pure white, borne on long stems.
GEN. GOMEZ.—Very large brilliant cardinal-maroon flowers; strong, vigorous plant, free bloomer.
GEN. MACEO.—Deep brilliant scarlet, overlaid with maroon; one of the darkest and richest Carnations.
G. H. CRANE.—An early and constant bloomer, clear brilliant scarlet.
MRS. GEO. M. BRADT.—Very large full flowers, clear white, heavily edged and striped scarlet.
MRS. THOS. W. LAWSON.—This is the flower that created such a sensation when \$30,000 was paid for the original stock. Flowers 3 to 4 inches in diameter; a beautiful and peculiar shade of pink.
OLYMPIA.—Pure white, delicately pencilled with pure scarlet; one of the finest variegated varieties.
PORTIA.—Free blooming, rich scarlet.
THE MARQUIS.—Very large flowers, nearly 3 inches in diameter, a beautiful clear pink shade.
WHITE CLOUD.—Pure white, large, excellent flowers.
WILLIAM SCOTT.—Strong grower, free bloomer, clear rosy pink. Plants 10c. each; \$1.00 per doz.

Dahlias

Our stock of Dahlias, from which a few of the leading varieties of each class have been selected, is unsurpassed. Fine healthy plants, true to name. We list below the cream of the Dahlias, those which will surely give satisfaction, but can supply hundreds of other varieties. Should you desire any that are not listed, add them to your order and they will go forward; price will be the same unless it is some very new or rare variety.

Show Dahlias.

ARABELLA.—An early, profuse flowering variety, of large size and perfect form; color pale primrose, tipped and shaded old rose and lavender; one of the loveliest of this class.



TYPE OF SHOW DAHLIAS.

PSYCHE.—Pale primrose, shaded rose; dwarf branching; one of the most profuse bloomers.

WHITE SWAN.—Pure white, on long stems; a strong vigorous grower.

15 cents each, or 12 for \$1.50.

Cactus Dahlias.

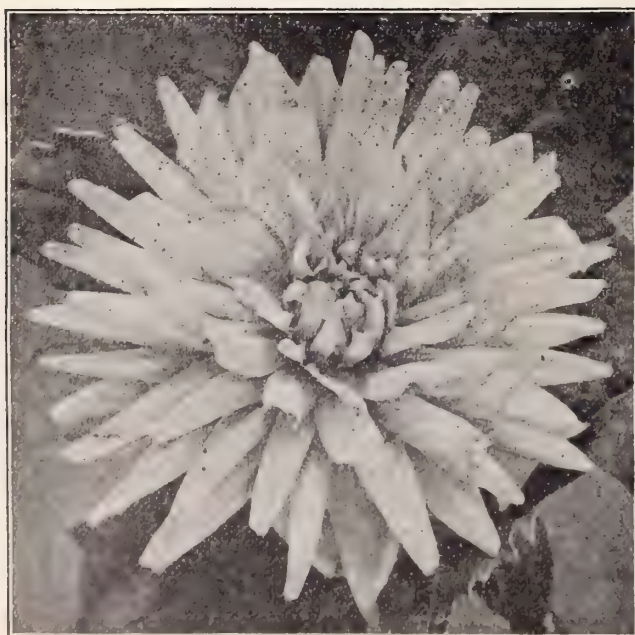
EARL OF PEMBROKE.—Bright plum, deeper and more velvety toward the centre; petals long, pointed, regularly arranged. One of the best.

HENRY F. MICHELL.—Immense size, irregular form; petals long, broad and twisted; colors range from soft yellow to deep orange-red. A beautiful variety, the shades and tints blending with perfect harmony.

ISLAND QUEEN.—A beautiful light mauve.

JOHN H. ROACH.—Of medium size, full and perfect form, with pointed petals. The finest pure yellow Cactus Dahlia to date.

LORELEY.—This handsome variety was awarded a silver medal at the Hamburg International Horticultural Exposition in 1897; it is one of the finest of the pink varieties yet introduced. It is of the true Cactus form. The outer petals are of a soft La France pink gradually shading lighter toward the centre, which is a creamy white.



TYPE OF CACTUS DAHLIAS.

MRS. BENNETT.—Soft crimson; large well-built flowers; petals broad, well curled, showing a very fine vein-like marking of a deeper tint.

15 cents each, or 12 for \$1.50.

BIRD OF PASSAGE.—White, tipped red-pink.

CHAS. PERRY.—Dark crimson-maroon.

ETHEL VICK.—Beautiful soft pink, quilled petals full to centre; an early and profuse bloomer.

JOHN KEYNES.—Bright golden yellow, tipped with bright orange-scarlet; profuse bloomer.

MRS. DEXTER.—Very large; a rich shade of salmon—best of its color.

M. E. HALLOCK.—A beautiful clear yellow.

MRS. LANGTRY.—A fine exhibition variety; cream-peach and purple.

PERIL.—Large with long, graceful stems. White, suffused and heavily tipped lilac.

Fancy Dahlias.

KEYSTONE.—Pink, striped crimson; large; fine.

LOTTIE ECKFORD.—White, spotted and striped pink and crimson.

MAID OF KENT.—Crimson, tipped with white; frequently a flower will come all crimson, and again one nearly white.

MRS. STANCOMBE.—A peculiar and pleasing Dahlia. Straw, suffused amber, striped red; mottled and tipped pinkish-white.

PENELOPE.—White, flaked lavender. This is the most beautiful and chaste; of perfect form, always full to the centre; a profuse bloomer on long stems. One of the best for cutting. Always attracts attention.

NEGRO.—Dark maroon, with fringed petals tipped white.

FERN-LEAVED BEAUTY.—A beautiful fern-leaved variety, white striped deep crimson.

15 cents each, or 12 for \$1.50.

Pompon Dahlias.

CATHERINE.—Finest pure yellow Pompon, full to centre, a profuse bloomer.

ELEGANTA.—Soft pink, tipped deep pink.

FAIRY QUEEN.—Light sulphur-yellow, edged deep peach; beautiful flowers of perfect form, produced on long stems in endless profusion; excellent for cutting. Awarded first prize medal for any color Pompon, except white, by American Dahlia Society.

GUIDING STAR (White Aster).—Pure white; a great favorite.

LELIA.—Base of petals yellow, heavily tipped clear bright crimson, overlaid bright pink; semi-quilled, reflex fawn. A very pleasing variety, full to the centre up to the last.

LITTLE PRINCE.—Maroon tipped pinkish-white, sometimes mottled deep crimson.

PRINCE CHARMING.—White, penciled, suffused and heavily tipped purple-pink; a strong grower, of good form, and blooms until frost.

VIVID.—Bright, deep crimson-scarlet.

15 cents each, or the set of 7 for 90c.

Single Dahlias.

C. E. VARNUM.—Very large; red, tipped lighter.

FASHION.—One of the best high-colored sorts; crimson-maroon, flamed purple, light disc.

JOHN COWAN.—A very fine rich scarlet.

JUNO.—White, tipped lavender; yellow disc.

LEHER CARK SACHE.—Bright rosy lavender, white disc.

SNOW QUEEN.—Best pure white, single.

15 cents each, or the set of 6 for 75c.

Decorative Dahlias.

CLIFFORD W. BRUTON.—The best yellow; of immense size, perfect form and of the finest canary yellow. A tall vigorous grower and extremely free bloomer. Should be in every collection.

HENRY PATRICK.—A superb pure white variety, of large size and borne on long stems; fine for cutting.

JOHN ELITCH.—Large perfectly formed flowers of a deep rich red, on long stems; a tall grower.

MISS BARRY.—A new type, distinct and striking; very large, full to the centre, and of beautiful color—deep rosy-lake, petals twisted.

NYMPHÆA.—By far the most delicately beautiful Dahlia ever introduced; more extensively grown for cut flowers than all others combined. The flowers are of medium to large size, always full to the centre, resembling the ideal pink Water Lily. The color is a clear, distinct light pink, tinted lighter toward the centre.

ORANGE KING.

WILHELM MILLER.—Brilliant purple; extremely free, flowers large.

WILLIAM AGNEW.—Finest red ever introduced—intense glistening scarlet-crimson; immense size, perfect form, and always a mass of color; very effective as a bedding plant or cut flower.

15 cents each, or the set of 7 for 90c.; 12 for \$1.50.

Surprise Collection Dahlias.

We have a surplus of a few very fine varieties of Dahlias belonging to the Cactus and Decorative classes. They are principally rich sulphur-yellows, deep velvet crimson-maroon and clear satiny fawn, suffused old gold and amber. Not being named we cannot select any special color, but they will all produce splendid large flowers, and will prove a great delight to those who see them. As long as the stock holds out we will give our customers a real "bargain-counter" offer, hardly covering postage and packing.

Price, 10c. each; 3 for 25c.; 6 for 35c.

Coleus.

One of the finest plants for bedding and becoming more generally used every year. Plants, 10c. each; 90c. per doz. By Express, not prepaid, \$4.00 per 100; \$35.00 per 1000.



CYPERUS.

BECK WITH GEM.—Magnificently scalloped edge, centre bright soft crimson maroon, bordered with a gorgeous combination of green and gold.

BUTTERFLY.—A dazzling combination of rich garnet and golden yellow, beautifully blotched and blended, the model of perfection. Dwarf.

GOLDEN BEDDER.—Fine yellow; a favorite and indispensable bedder.

RAINBOW.—Velvety maroon, midrib and veins rich crimson.

VERSCHAFELTI.—Rich velvety crimson. Standard variety.

VICTORIA.—Crimson, gold edge.

See also Novelty pages.

Cyperus Alternifolius.

(Umbrella Plant.)

A very fine house plant; will do well in a pot in the aquarium or damp places. Plants, 15c. each; 3 for 30c.

Chrysanthemums.

In making up this list we have followed the same rule as in other classes; that is, to select a few of the leading varieties, and those we know will prove satisfactory to our friends—the cream of the Chrysanthemums.

COL. D. APPLETON.—A very large bright deep yellow, incurved, of fine finish and form, long strong stems, fine dark foliage. This variety has taken many first prizes at the Flower Shows, where it has been exhibited as round and large as a small pumpkin. Each, 15c.; 2 for 25c.



CHRYSANTHEMUM.

TIMOTHY EATON.—This is the largest globe-shaped Japanese incurved white introduced, long stiff stems and splendid foliage. The centre of attraction wherever shown and always carries off the highest honors.

Each, 15c.; 2 for 25c.

COL. WM. B. SMITH.—Bright golden bronze, an immense flower with broad petals.

CULLINGFORDII.—Brilliant crimson; a very fine shade.

GEO. W. CHILDS.—Dark velvety crimson, immense massive flowers, broad petals.

IVORY.—An old favorite; incurved petals, large perfect flowers.

J. H. WOODFORD.—Silver-pink.

MAJOR BONAFFON.—Clear golden yellow, incurved, full in centre, 6 inches in diameter.

MME. F. BERGMAN.—One of the earliest whites, grand pot plant, fine for cutting.

MRS. JEROME JONES.—Large creamy white, with broad incurved petals; one of the best whites.

MRS. J. G. WHILLDIN.—One of the finest very early yellows.

MISS MINNIE WANAMAKER.—Very large incurved creamy white.

PINK IVORY.—Shell pink; a companion to White Ivory.

WM. H. LINCOLN.—Fine rich yellow, straight flat-spreading petals, very large.

15c. each; \$1.25 per doz., except as noted.

We have on hand scores of other varieties at same price, therefore if you desire any other sort add it to your list. For the Hardy or Pompon varieties, see Hardy Plants and Bulbs.

Dracaena Indivisa.

An ornamental plant that is used very largely for vases, pots, etc., on account of its graceful habit and beautiful foliage. One of the best plants for centre of vases, etc. 25c. each; larger plants, 50c. each.

Farfugium Grande.

(Leopard Plant.)

A beautiful decorative plant, fine for pot or border in shaded place. Leaves large and leathery, about 8 inches in diameter, are dark-green with blotches of bright yellow. 25c. each; \$2.50 per doz.



FARFUGIUM.



FICUS.

Ficus.

(Rubber Plant.)

One of the best plants for parlor or hall decoration. Its thick green glossy leaves enable it to stand almost any treatment. 50c. each; large plants, 75c.

Fuchsias.

If you have a shady corner or position on the steps where plants do not succeed try a few Fuchsias, and you will be delighted with this well-known flower.

BELLONA.—Double; rosy carmine sepals, corolla white suffused with pink.

BLACK PRINCE.—Bright waxy carmine, corolla pink.

GLOIRE DE MARCHES.—A splendid double-white variety, crimson, dwarf.

JUPITER.—Sepals red, corolla blue.

MINNESOTA.—Deep rose corolla, white sepals.

PHENOMENAL.—Very large flowers, sepals bright carmine; corolla violet-purple.

WAVE OF LIFE.—Crimson sepals, purple corolla, golden foliage. 10c. each; \$1.00 per doz.

Geraniums.

This family is too well known to need an introduction. During the past few years many improvements have been made in both the size of the flower and the variety of colors. The list below contains the best of the different types. Unless otherwise noted the price is 10c. each; \$1.00 per dozen. By Express, not prepaid, \$4.00 per 100.

See Novelty pages.

DOUBLE.

BRUANT.—One of the best bedders, dwarf, perfect habit, a bright vermilion-red of a most striking shade and a profuse bloomer.

CENTAURE.—A very fine variety for all purposes, a splendid shade of pink, with flowers held well above the foliage.

GEN. GRANT.—Clear vermilion-red; splendid variety for bedding.

GEN. DE BOISDEFFRE.—Strong vigorous compact habit, deep cherry-salmon, large trusses unsparingly produced; an excellent bedder.

JOHN DOYLE.—Strong vigorous grower, enormous foliage, rich brilliant vermilion-scarlet.

LA PILOTE.—Bright glowing scarlet, very free bloomer, perfect habit.

LA FAVORITE.—Finest of all double whites for bedding or marketing.

LE CID.—Grand velvety red, beautiful shaped florets; a vigorous grower of good habits.

MISS FRANCES PERKINS.—Grand bright pink bedder, stands sun perfectly, fine grower, free bloomer, long stems holding bloom well above foliage.

MISS KENDELL.—Fine trusses, large flowers; a remarkable variety, dark maroon marked with red.

S. A. NUTT.—Large rich dark crimson flowers of perfect shape.

SINGLE.

QUEEN OF THE WEST.—Bright salmon; a fine bedder.

GEN. GRANT.—Single, very large truss, brilliant scarlet flowers; considered the best scarlet bedder.

MISCELLANEOUS.

AMERICA.—Type of Mars, stronger grower; curious parti-colored flowers, turning to deep rose at maturity; large trusses, very free bloomer.

DRYDEN—Centre pure white, surrounded by a band of the most dazzling rosy scarlet, producing the "aureole" effect.

ROSE-SCENTED, LEMON, BALM, OAK-LEAVED AND NUTMEG.

MME. SALLEROI.—Dwarf, compact grower—the well-known variegated silver leaf variety, much used for edging.

IVY GERANIUMS in good varieties.

Plants, each 10c.; doz. \$1.00. Per Express, not prepaid, \$4.00 per 100.

All goods delivered at these prices, unless noted.

Gladiolus.

This is one of the best and most attractive of all our Summer-flowering bulbs. It is so easily grown that every one succeeds with it. Bulbs should be planted about 6 inches apart and 3 to 4 inches deep. To have a succession of bloom, do not plant the bulbs all at one time but a few days apart, keeping the larger bulbs for the last planting. Our list contains all the latest and best varieties. Named varieties can be supplied when wanted, but our assortment of mixed or unnamed is so fine there is little call for separate sorts.



BLOOMSDALE MIXTURE.—This is a collection of all the best varieties, containing many of the newer and higher-priced sorts. It is sure to give satisfaction and the price is within the reach of all. Try at least a dozen. Dozen, 25c.; 100, \$1.50.

LEMOINEI (Butterfly).—Earlier introductions. Dozen, 30c.; 100, \$2.00.

LEMOINEI.—Named varieties mixed. Dozen, 45c.; 100, \$3.00.

GROFF'S HYBRID.—The size and coloring is wonderful; many consider them the best. Dozen, 75c.; 100, \$5.00.

CHILDSI.—Dozen, 75c.; 100, \$5.00.

SCARLETS AND REDS.—Dozen, 25c.; 100, \$1.50.

PINK TINTS.—Dozen, 30c.; 100, \$2.00.

WHITE AND LIGHT SHADES.—Dozen, 35c.; 100, \$2.50.

YELLOW TINTS.—Dozen, 50c.; 100, \$3.50.

STRIPED AND VARIEGATED.—Dozen, 35c.; 100, \$2.50.

Grevillea Robusta.

(Silk Oak.)

A beautiful decorative plant, graceful as a Palm and requiring little attention. Foliage light bronze-green. Each, 15c.; 2 for 25c.

Hibiscus.

(Chinese.)

This well-known greenhouse shrub may be planted out during the Summer. As a pot plant they will flower all Winter if kept in a light sunny place.

GRANDIFLORUS.—Single rose, very large.

MINIATUS SEMI-PLENUS.—Double, a brilliant vermilion-scarlet, flowers nearly 4 inches in diameter.

SUB-VIOLACEA.—Double, clear carmine tinted violet.

Plants, each, 15c. dozen, \$1.50; set of 3 for 40c.

Hydrangea.

OTAKSA.—A Japanese variety producing extraordinary large heads of pale pink flowers.

OTAKSA MONSTROSA.—Intense rose shaded white. The flowers, which are produced freely, are in much larger clusters than Otaksa.

RED-BRANCHED.—The branches are dark red, brightening as they near the flower trusses. Produces freely immense heads of deep rose-colored flowers. One of the finest cultivated.

Small plants, each, 15c.; large plants, each, 25c.; 3 for 65c.

Otaheite Orange.

The favorite and best Orange for house culture; a plant but a few inches high will bear both flowers and fruit. For those who have never seen it, it is a real novelty. Flowers are very fragrant and fruit is edible. Plants, each, 25c.



OTAHEITE ORANGE.



TUBEROSE.

Tuberose

NEW DOUBLE PEARL.—Flowers are a pure white, like wax. The fragrance is very sweet. One of the most pleasing of our Summer-flowering bulbs. Each, 5c.; 6 for 20c.

Landreth's

Exhibition

Pansy

Plants.

These plants are grown from an extraordinary strain of seeds, including our own special Philadelphia and many other leading varieties.

They will make the grandest show of Pansies ever seen. Strong plants, 50c. per doz.; \$4.00 per 100.



Hardy Plants and Bulbs.

The demand for hardy plants—those which will remain in the ground for many years—is growing constantly. With a little care in selecting, a list can be made that will produce flowers from Spring till Autumn. After once planted, they care for themselves. It is wise to cover these plants the first Winter with coarse manure and straw, which may be forked into the soil early next Spring.

ALTHEA, or Rose of Sharon.—Fine assortment of named varieties; various colors. 25c. each.

ANEMONE (Windflower) Whirlwind.—Flowers large and semi-double, color white; flowers more freely than the old single variety.

Japonica alba.—Pure white.

Japonica rubra.—Rose color.

Each 20c.; two for 30c.; six for 75c.

CALYCANTHUS Floridus (Sweet-scented Shrub).—Our grandmothers' favorite flower. A well-known Shrub, with rich fragrant chocolate-colored flowers, with a peculiar, decidedly agreeable odor; blooms early and at intervals throughout the season. Plants, each 25c.

CHRYSANTHEMUMS.—Hardy Pompons. Charming, brave little flowers that begin flowering late in the season and continue sometimes till covered with snow. They are coming more into favor every year. At the Chrysanthemum Shows last Fall they attracted considerable attention.

Anna Mary.—Creamy white.

Blushing Bride.—Early light pink.

Dinizulu.—Deep pink.

Eagle d'Or.—Very fine yellow.

Globe d'Or.—Light yellow.

Goldfinch.—Yellow, shading bronze.

Julia Lagravere.—Bright crimson.

Nellie Rainsford.—Light bronze.

Naomi.—Delicate blush.

Princess Louise.—Bronze.

Prince of Wales.—The best white.

Tisri.—Deep pink.

Each, 10c.; dozen, \$1.00.

United States Mail
brings Landreth's
Seeds to every man's
Post Office.

COREOPSIS Lanceolata Grandiflora.—One of the most popular perennial plants; flowers bright golden yellow and produced in greatest profusion all Summer. They are large, of graceful form and invaluable for cutting; easily grown and perfectly hardy. Each, 15c.; dozen, \$1.50.

DAY LILY (Funkia) Subcordata Grandiflora.—Pure white fragrant flowers; broad leaves. Each, 15c.

Cœrulea.—Dark blue; broad green leaves. Each, 15c.

GOLDEN DAY LILY (Hemerocallis aurantica major).—One of the finest perennial plants. Flowers very large, orange-lemon, often 7 inches across. Each, 40c.

DEUTZIA Gracilis.—The popularity and desirability of this family of plants are due to their fine habit, luxuriant foliage, hardiness and profusion of attractive white or light-colored flowers, which are borne in racemes 4 to 6 inches long in early Summer. 20c. each.

EULALIA.—Tall, handsome, ornamental grass; perfectly hardy. They have a very graceful and tropical appearance; in latter part of Summer throw up large tassel-like plumes; are very fine standing out on the lawn or planted among Shrubs.

Gracillenia.—Long, graceful foliage, with a silvery white midrib. One of the most beautiful.

Japonica zebrina.—Very similar to the Gracillenia, with exception that the marking is across the leaf instead of lengthwise.

Each, 15c., or the two for 25c.

FORSYTHIA, In Variety.—The yellow flowers are produced very early in Spring before the leaves appear, making this an attractive species where early bloom is desired. A class of Shrubs worthy of extensive planting. 35c. each.

GAILLARDIA Grandiflora.—Large flowers about 3 inches in diameter, borne on long stems, centre dark red-brown, petals marked with rings of brilliant carmine, orange and vermilion. Begin flowering in June and continue entire season. Each, 15c.; dozen, \$1.50.

HELIANTHUS multiflorus, fl. pl. (Hardy Sunflowers).—These beautiful little flowers are so different from the old-fashioned Sunflower that they are not recognized by many. Remarkably free flowering and invaluable for decorations; plants grow about 4 feet high and when in bloom are covered with bright golden double flowers like Dahlias. Each, 15c.; dozen, \$1.50.

HIBISCUS Crimson Eye.—Very large flowers, often 6 inches in diameter; pure white, with a crimson centre.

Large Flowering.—Flowers deep pink. One of the finest.

Each, 20c.; two for 35c.

HOLLYHOCKS.—These plants can be used to advantage in a great many places—to hide an unsightly fence, make a hedge, plant among the Shrubs or in groups on the lawn. Double varieties, in mixed colors or white. Each, 15c.; six for 75c.

HYDRANGEA Paniculata Grandiflora (New Japan).—This is one of the most showy Shrubs in cultivation, with immense pyramidal panicles of white flowers more than a foot long, which change to pink; very ornamental from Midsummer until destroyed by frost; should be in every garden. First size, 50c.; second size, 30c.

GERMAN IRIS.—The old-fashioned flower, though a great improvement over the old Blue Flag. Separate colors—light blue, bright yellow, old gold and purple, white-bordered lavender-blue, blue-veined, dark blue or mixed. Each, 10c.; dozen, 75c.

JAPAN IRIS.—These magnificent flowers from Japan are of the richest colors and among the most beautiful of our Summer flowers. They remind one of the Orchids in their delicate markings; will succeed in any soil, though enjoy a rich damp location. Double, mixed varieties, and single, mixed varieties. Each, 15c.; dozen, \$1.50.

LILACS (Syringa), In Variety.—A class of medium to large-growing Shrubs. They have bright, attractive glossy-green foliage, and bear a profusion of various colored clusters of fragrant flowers. Older varieties, 35c. each; newer varieties, 50c. each.

MAHONIA Holly-leaved (Mahonia aquifolium).—Medium-sized, shining, purplish-green, prickly leaves and showy, bright-yellow flowers. Each, 50c.; dozen, \$5.00. Smaller size, 30c. each; dozen, \$3.00.

MOCK ORANGE Philadelphus, In Variety.—A valuable hardy Shrub, with handsome foliage and beautiful white flowers, some varieties of which are quite fragrant. Each, 35c.

PÆONIES.—These large showy flowers will do well on any ordinary garden soil and improve each year. The plants are very ornamental; double, white, pink or red. Each, 30c.; dozen, \$2.50.

PANSIES.—Our stock of Pansies is grown from the best seed obtainable; well-grown strong plants. Dozen, 50c.; per hundred, \$4.00.

PERENNIAL PHLOX.—The new varieties of Phlox are bright and beautiful, very different from the old sorts; they are very desirable; every home should be well supplied with them.

Centaure.—Bright pink.

Duguesclin.—White, with large violet-rose centre.

Eckmann-Chatrian.—Pink, carmine centre.

Eleganta.—Variegated pink and white.

Rose d'Or.—Purple.

Washington.—White, pink eye.

White Pride.—Pure white.

William Robinson.—Large pink.

Each, 15c.; dozen, \$1.25.

All goods delivered at these prices unless otherwise noted.

RUDBECKIA (Golden Glow).—A beautiful plant, growing about 7 feet high, bearing double golden yellow flowers on long stems; fine for cutting; in flower from July till frost; one of our best hardy plants. Each, 15c.; two for 25c.

SNOWBALL, In Variety.—American varieties, 2 to 3 feet. Each, 35c.

JAPAN SNOWBALL (Viburnum plicatum).—A decided improvement over the American sort, of purer color, more compact and uniform in habit, with rich deep green plicate foliage. The flowers, of purest white, are borne in large globular clusters all over the bush, rendering it strikingly conspicuous. Plants, 25c. each.

SPIRÆA Anthony Waterer.—A new hardy variety from England, introduced in this country in 1894. It is of dwarf, dense habit, bearing a profusion of crimson flowers of a shade peculiar to itself, blooming the entire Summer. Each, 20c. and 35c.

Reevesii.—The most conspicuous and graceful of the collection, beautiful in form, early in bloom, most attractive in appearance. The flowers, which are pure white, completely cover the bush, causing the branches to weep with their wealth of bloom. Each, 20c.

TRITOMA Pfitzerii.—See Novelties and Specialties. 25c. each.

VIOLETS—Lady Hume Campbell.—Fine double, blue.

Marie Louise.—Double, deep blue.

Swanly White.—Large double, pure white.

Each 10c.; dozen, \$1.00.

WATER LILIES.—Are perfectly hardy and can be grown in tubs or any swampy piece of ground.

Nymphaea Odorata Gigantea.—White Water Lily; leaves 12 to 16 inches across; flowers pure white, about 5 inches in diameter; fragrant. Each, 20c.; six for \$1.00.

Odorata Minor.—A smaller type; a dainty flower about 2½ inches in diameter; fragrant. Each, 20c.; six for \$1.00.

Odorata Rosea (Cape Cod Pond Lily).—The choicest of all pink varieties; blooms all Summer; very hardy and fragrant. Each, 50c.; six for \$2.50.

WEIGELIA, In Variety.—A valuable Shrub of erect habit while young, but spreading and drooping with age; flowers trumpet-shaped and all shades of color from white to red. 2 to 4 feet, 25c. each.

YUCCA Filamentosa (Adam's Needle).—Many think this plant stands at the head of our ornamental plants. It throws up a stem 3 feet, with branched spikes of large drooping flowers, creamy white and fragrant. Foliage broadsword-like. Each, 25c.

Roses.

We call the attention of our customers to the healthy stock and varieties which we have for sale. We have endeavored to avoid descriptions extravagantly worded or overdrawn. Our list of varieties is condensed, but comprehends all the kinds which we consider worthy of cultivation for ordinary purposes. We strive for superiority of quality and genuineness of variety, and so far our patrons agree that we have succeeded in attaining our aims. The lowest-priced plants may flower the first season, but for immediate results we invariably recommend the two-year-old sorts. Should the following list not include any variety you may wish, place it on your order just the same, for those named are but a few of the many varieties we can supply.

Ever-Blooming Roses.

- BON SILENE.**—Noted for the great size and beauty of its buds; bright rich rose-crimson; good for house or outdoor culture.
BRIDESMAID.—Delightfully tea-scented, clear rose-pink with crimson shading; good healthy grower.
CHARLES MARGOTTIN.—Reddish crimson, very large, full and sweet; an exceptionally fine bloomer.
CLOTHILDE SOUPERT.—French; white, deepening to rose at centre; a very free flowerer.
DUCHESSE DE BRABANT.—An old favorite sort; a beautiful silvery pink.
DUKE OF ALBANY.—Vivid crimson when first opening, becoming darker as the flowers expand, and developing a beautiful shading of velvety black; very large and full.



DUKE OF ALBANY.

- EARL OF DUFFERIN.**—Rich velvety crimson, shaded with dark maroon; large, full, finely formed, delightfully fragrant; one of the finest dark Roses; a vigorous grower.
ETOILE DE LYON.—Best yellow summer bedding Rose, rich in color and of rare form.
FISHER HOLMES.—Deep glowing crimson, large, full and of fine imbricated form; a handsome and desirable Rose.
HERMOSA.—One of the most desirable pink sorts for bedding.
JOHN HOPPER.—A standard sort; bright rose with carmine centre, large and full; a profuse bloomer.
KAISERIN AUGUSTA VICTORIA.—Soft pearly white, lightly tinted with lemon; good healthy foliage.
MAMAN COCHET.—Bears a profusion of deep rose-pink flowers, very double, on long, stiff stems.
MADAME F. KRUGER.—Soft rose-pink, shaded crimson and amber; fine large buds and flowers.
MARIE VAN HOUTTE.—A lovely variety; soft creamy white, shaded with rose and pale yellow; exquisitely scented.
MARSHALL P. WILDER.—Flowers large, semi-globular, full, well formed, color cherry-carmine and very fragrant; a profuse bloomer, hardy and undoubtedly the finest of its color.
MRS. JOHN LAING.—Color soft pink, large and of fine form, produced on strong stems, exceedingly fragrant; valuable for forcing; flowers continuously in the open ground.
PERLE DES JARDINS.—A good yellow sort; handsome foliage, the young leaves having a rich maroon color.

- QUEEN'S SCARLET.**—Rich velvety scarlet; constant and profuse bloomer; very hardy.
SAFRANO.—Saffron yellow; well adapted for outside use; very fragrant; quick and constant bloomer.
SOUVENIR DE LA MALMAISON.—Rich flesh color, beautifully formed—a perfect Rose.
 Prices for the above: fine young plants, 10c. each; \$1.00 per doz., postpaid; Express not prepaid, extra strong two-year-old plants, 40c. each; \$4.00 per doz.

Hardy Climbing Roses.

- BALTIMORE BELLE.**—Blush white.
CUMBERLAND BELLE.—A new climbing Moss Rose. In color it presents a bright silvery rose of a most attractive hue. The buds are prettily mossed and exquisitely fragrant. 1 year old, 50c. each, postpaid; 2 years old, \$1.00, by Express at expense of purchaser.
HARRISON YELLOW.—Yellow (2 years only), 35c., Express not prepaid.
MARY WASHINGTON.—White.
MAY QUEEN.—Deep rose.
ROYAL CLUSTER.—So named on account of the immense size and the regal way in which the flowers are carried. Medium-sized blossoms, with a spicy fragrance, and an abundance of flowers.
 Each, 15c.; 2 for 25c.; Express not prepaid unless noted, 2 years, 35c.

Tender Climbing Roses.

- DEVONIENSIS.**—Creamy white.
GLOIRE DE DIJON.—Blush and yellow.
MARECHAL NIEL.—Bright golden yellow.
WALTHAM CLIMBER.—Rich crimson.
 By Mail postpaid, 10c. each; by Express at expense of purchaser, 2-year-old plants, 25c. each.

Moss Roses.

- WHITE, CRIMSON, ROSE OR BLUSH.**—These are strong, vigorous growers, perfectly hardy. They only bloom once a year, but the flowers and buds are very handsome, and when mossed present an interesting sight. 1 year, 15c., prepaid; Express not prepaid, 2 years, 40c.

Hardy Rambler Roses.

- DOROTHY PERKINS.**—Not since the advent of the Crimson Rambler has a Rose of that character attracted so much attention and admiration as this remarkably strong, vigorous, free flowering, fragrant rambling Rose. The individual flowers are larger than Crimson Rambler, borne in clusters of twenty to thirty, are very double and deliciously sweet scented, a characteristic not possessed by other Roses of this class. The buds are remarkably pretty, being quite pointed, rendering them exquisite for the buttonhole. The color is a most beautiful clear shell-pink, and holds a long time without fading. In vigor of growth it cannot be equaled, making in a single season strong shoots often 10 to 12 feet in height, rendering it a fitting companion to the Crimson Rambler. Price, 1 year old, 35c. each; 2 years old, 60c. each, postpaid.

- CRIMSON RAMBLER.**—The fastest growing and hardiest climbing variety offered. Often this sort will make new shoots in one season 8 to 12 feet. Flowers are of the brightest crimson, borne in clusters, and retain their color untarnished for two or three weeks. Although used mostly for outdoor



DOROTHY PERKINS.

work, is adapted for pot culture, and can be flowered for Easter decoration. 1 year, 20c., postpaid; Express not paid, 2 years, 35c.

YELLOW RAMBLER.—A good hardy sort; strong, vigorous climber; blooms borne in immense clusters of dark rich coppery yellow, sometimes inclined to be creamy, and of great fragrance. 1 year, 20c., postpaid; by Express at expense of purchaser, 2 years, 35c.

The Best Hardy Bedding Roses.

AMERICAN BEAUTY (Long-stemmed).—Deep crimson bloom; rich foliage, deeply serrulated; very fragrant; good forcer.



AMERICAN BEAUTY.

ALFRED COLOMB.—Large flowers, bright carmine-crimson; forms an erect, strong-growing bush.

ANNA DE DIESBACH.—Clear bright carmine; very large, finely shaped, full and very sweetly scented.

BARON BONSTETTIN.—Dark red, nearly black, very large flower and a strong grower.

BARONESS ROTHSCHILD.—Light pink, cupped form, very symmetrical, distinct and beautiful; an excellent exhibition variety.

COQUETTE DES ALPES.—White, centre shaded rose; very hardy with large bold flowers.

COQUETTE DES BLANCHES.—Pure white; large globular flowers; one of the finest hybrid perpetuals.

FRANCOIS LEVET.—A very beautiful Rose; soft China pink, delicately shaded carmine and blush; delicious perfume.

GENERAL JACQUEMINOT.—Scarlet-crimson, very rich and velvety; exceedingly handsome.

JULES MARGOTTIN.—Bright carmine; cup-shaped flowers; very fragrant.

LA FRANCE.—Delicate silvery rose changing to silvery pink; very full, of fine form, a most constant bloomer. The sweetest of all Roses, surpassed by none in delicacy of its coloring.

LIBERTY.—Bears flowers of a warm rich crimson, of a unique richness and durability, and possesses a beautiful healthy foliage. The habit of the plant is perfect, throwing up strong stout stems. This gem is bound to become a universal favorite. 50c. each.

MARGARET DICKSON.—White, with pale flesh centre; large shell-like petals, good form and handsome foliage.

M. G. LUIZET.—Pale pink, a fine and delicate tint; large and full-cupped; very sweet.

PAUL NEYRON.—Dark rose, of fine shape and habit; large rose-colored sort.

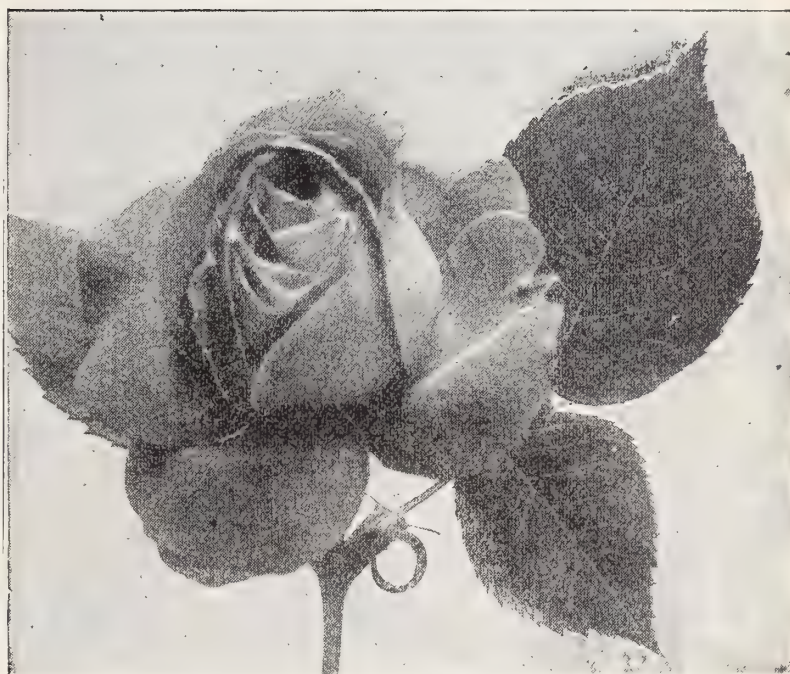
PRINCE CAMILLE DE ROHAN.—Deep velvety crimson-maroon, shaded scarlet.

ULRICH BRUNNER.—Bright cerise rose; magnificent petals, large and full flowers.

Prices of each: for fine young plants, 20c.; per doz., \$2.00, postpaid; Express not prepaid, extra strong two-year-old plants, 40c.; per dozen, \$4.00.

QUEEN OF EDGELY.—This variety has the good points of its parent, the famed "American Beauty." At every exhibition where it has been staged it has won awards and formed a centre of attraction. Its dark green, glossy and beautiful serrulated foliage, vigorous growth, perfectly shaped flowers all combine to make it worthy of its regal name. The fresh flowers are bright pink, but as they age the color fades to a lighter shade. The blooms are carried on stiff stems sometimes 6 feet long. This American Beauty "sport" has the best points of the most popular Rose and is entitled to a prominent position in every collection. Prices, postpaid, 1 year, 50c.; 2 years, \$1.00.

ROSA RUGOSA (Japan Rose).—A rare plant, producing in great profusion throughout the entire Summer large single flowers of a most beautiful bright rosy crimson, which are succeeded by clusters of large rosy red berries, rendering the plant exceedingly ornamental throughout the Autumn and Winter. The foliage is large, very abundant, of a beautiful dark glossy green of great richness. A decidedly ornamental plant for hardy shrub border. Prices, 1-year-old, 25c. each, postpaid; by Express, not prepaid, 2-year-old, 40c. each.



LIBERTY.

IVORY (The White Sport of Golden Gate).

We are pleased to offer a most valuable addition to our list of Roses for cut-flower purposes. A "sport" from the fine old variety Golden Gate, which to-day is probably the freest flowering Rose of its type in cultivation, but which unfortunately lacks in decided color. "Ivory" embodies all the good points of its parent: Size, freedom of bloom, strong, vigorous, healthy growth with a pure white color, which makes it an invaluable acquisition to the list of forcing Roses. It has received highest honors wherever shown. 1 year, post paid, 35c.; by Express, not prepaid, 2-year-plants, 60c.



IVORY ROSE.



SPECIMEN OF A CALIFORNIA PRIVET HEDGE.

California Privet.

(*Ligustrum Ovalifolium.*)

Beautify Your Surroundings!

Remove the unsightly fence; enhance the value of your property by planting a **California Privet Hedge**, the most remarkable, desirable and popular ornamental hedge-plant in existence. It is recognized as the **ideal hedge-plant**, thriving in all soils, situations and under all conditions, in lowland or upland, in sun or in shade, under the drip of trees, in poor soil almost as well as in rich. The smoke of factories or railroads does not affect it, consequently it is doubly valuable. **Especially adapted to seashore planting**, where it luxuriates and grows in all its vigor and beauty, the salt air giving the foliage a most vivid green coloring, so pleasing to the eye. Many handsome hedges of Privet, pruned in various forms, may be seen along the coast from Cape May to Newport.

The plant is a **remarkably vigorous grower**, compact and regular in form and a beautiful shade of green, glossy, waxlike foliage, which it retains throughout the season and well into Winter, and in sheltered locations **is almost an evergreen**, the new leaves putting forth as the old ones fall.

The value of California Privet cannot be overestimated; no plant excels it. It is beyond a doubt the best plant ever brought to public notice for **hedging, enclosing parks, cemeteries, lawns**, of large or small area, for use as **wind-breaks, screens, division lines**, for massing or planted singly on the lawn.

The plant will bear shearing to any extent and at all seasons of the year; is **perfectly hardy**, having withstood a temperature of 20° below zero uninjured, and is also planted extensively in the hot dry Southern soils, where it resists drought, proving it adapted to both extremes of heat and cold, and succeeding better and under more varied conditions than Evergreens. Easily transplanted and of **very easy culture**, growing more beautiful as it grows older, and entitled to a position among our most valuable hardy shrubs. A plant admirably adapted for **division lines**, as it may be kept shorn at any season of the year, and without the slightest injury to the plants, to any desired height or width; the more it is pruned the better it appears and the better hedge will be formed. For creating ornamental effects in gardening it is decidedly the most popular of all hedge-plants.

A very pleasing effect is obtained on large lawns by planting alternately two or more rows side by side and pruning the first row to one foot in height, the second row two feet, and so on, giving the whole a step-like appearance.

A hedge of California Privet is decidedly **more ornamental, more enduring, more attractive** and in many ways **more desirable** than the ordinary fence, which is often unsightly and a constant expense. The hedge requires no repairing, no painting, in fact no expense whatever, and is more impenetrable at two years after planting than the ordinary fence. **When once planted it stands for a lifetime**, growing more beautiful each year, making it a lasting monument to the memory of him who plants.

Another of its good features is that insects do not attack it, that it never grows dull, but retains its beautiful glossy green foliage throughout the season. Many plants are set out as single specimens and in groups upon the lawn, and planted in tubs and shorn to represent Sweet Bay, being well adapted to the purpose and equaling Sweet Bay in many respects. It blooms in June, producing panicles of small, white, lilac-like flowers.

Unlike many varieties of hedge-plants, it will bear transplanting as well in the Autumn as in the Spring, and if set in Autumn the plants receive the benefit of the early rains, become firm in the ground, receive no shock in transplanting, start into growth before dry weather, and in a very short time will make an attractive hedge, equal or superior to that shown in illustration.

We have a very superior stock of strong, healthy, well-rooted plants to offer at the following prices:

12 to 18 inches, at \$3.50 per 100; \$30.00 per 1000.	2 to 3 feet, at \$5.00 per 100; \$40.00 per 1000.	4 to 5 feet, at \$15.00 per 100; \$100.00 per 1000.
18 to 24 inches, at \$4.00 per 100; \$35.00 per 1000.	3 to 4 feet, at \$7.50 per 100; \$50.00 per 1000.	

Large plants 4 feet high, well-branched and suitable for planting in tubs, \$1.00 each; \$10.00 per doz.

By Mail.

To parties living in rural districts, remote from express or freight offices, we will furnish by MAIL, POSTPAID California Privet, one year old, at 75 cts. per doz.; \$4.00 per 100. These are strong, well-rooted and thrifty plants, and in a very short time will make an attractive hedge, equal to if not superior to that shown in above illustration.

Hardy Climbing Vines.

Mailed Postpaid at Prices Named Below, Unless Otherwise Noted.

AMPELOPSIS VEITCHII (Boston Ivy).—This is one of the finest climbers we have for covering walls, as it clings firmly to the smoothest surface, covering it smoothly with overlapping foliage, giving it the appearance of being shingled with green leaves. The color is a fresh deep green in Summer, changing to the brightest shade of crimson and yellow in Autumn. It is quite hardy and becomes more popular every year. 20c. each; 2 for 30c.

AKEBIA QUINATA.—A rapid-growing Japanese vine, with five-fingered leaves of a beautiful glossy green, and small chocolate-colored, sweet-scented flowers. It is almost an evergreen, the leaves holding on until late in the Winter. 15c. each; 2 for 25c.

ARISTOLOCHIA SIPHO (Dutchman's Pipe).—A robust hardy vine, with very large heart-shaped leaves, and brownish flowers resembling miniature pipes. Plant a strong, rapid grower and very desirable. 50c. each; large plants by Express, not prepaid, 40c.

CHINESE MATRIMONY VINE.—A hardy climber, with bright purple flowers, scarlet berries. 20c. each; 2 for 30c.

CINNATION VINE (Chinese Yam).—A very pretty vine that is covered in midsummer with brilliant, glossy foliage and flowers of cinnamon fragrance. Quick grower. 10c. each; 3 for 25c.

DOLICHOS DAYLIGHT.—The strongest growing vine known, with dense foliage; very desirable for covering rockeries or unsightly objects. Blossoms freely from base to summit, the long spikes of pure white flowers standing out boldly from the rich green foliage—a great improvement on the old varieties of Dolichos. Strong plants, with good canes, 30c.



WISTARIA SINENSIS.

HONEYSUCKLE HALLEANA.—One of the sweetest and most beautiful Honeysuckles; a strong, clean neat grower, perfectly hardy, almost evergreen; constant and most profuse bloomer; flowers buff-yellow, passing to white, deliciously sweet; fine for porches and all similar places. 25c. each.

HONEYSUCKLE JAPAN GOLDEN.—Slender, moderate grower; leaves beautifully veined and netted with clear yellow, so that prevailing color of the foliage is bright yellow; flowers yellow and sweet-scented; fine for pillars and trellis. 25c. each.

WISTARIA SINENSIS —A vigorous growing vine, producing long, pendulous clusters of pale blue flowers. A remarkably hardy and very beautiful climber, surpassed by none. 30c. each.

WISTARIA SINENSIS ALBA.—In habit of growth this variety is identical with the foregoing, except in color of flower, which is pure white and decidedly fragrant. Vine hardy and graceful. 50c. each.

CLEMATIS PANICULATA.—A valuable white variety, native of Japan; clear green foliage, pure white flowers from three-quarters to an inch in diameter, star-shaped and very fragrant, borne in clusters on stiff stems 4 to 6 inches long. Very desirable, rapid growing, free, late bloomer. Strong two-year plants from open ground, 20c. each; good one-year plants, pot-grown, 25c. each; 2 for 40c.



CLEMATIS PANICULATA.

Climbing Roses, see pages 72 and 73.

Fruits and Nuts.

Always on the alert for rare and valuable fruits, and at the same time keeping in mind that a few good varieties are better than a large assortment of doubtful sorts, we have added to our list a number of meritorious varieties of fruits, such as can be depended upon to produce thoroughly satisfactory results and thus worthy of extensive cultivation.

Owing to the frequent rains the past season, we are pleased to announce that our trees and plants have made an unusually strong, vigorous growth, and we feel sure that our customers will agree with us that our stock is as fine as it is possible to obtain. It has always been our aim and ambition to please our customers, and if we may judge from the numerous letters of commendation our efforts have not been in vain but have been appreciated.

Nothing will be catalogued by us that has not been given a thorough test, either by ourselves or by the introducers.

Where trees, plants and vines are offered "by Mail," at a given price, the postage will be paid by us. Where offered "by Express," transportation charges must be borne by the purchaser—500 of any one kind will be furnished at the rate per 1000, 50 at the rate per 100, one-half dozen at the rate per dozen.

We will not ship Nursery Stock C. O. D., unless one-half the value accompanies the order.

All claims for errors must be made within ten days from the receipt of goods.

We regret our inability to ship Nursery Stock with Seed, therefore request our customers to make orders separate, thereby saving us much trouble and inconvenience and themselves a delay.

While we exercise the greatest care to have all our trees and plants genuine and reliable, and hold ourselves prepared to replace, on proper proof, all that may prove untrue, we do not give any warranty expressed or implied, and in case of error on our part, it is mutually agreed between the purchaser and ourselves that we shall not at any time be held responsible for a greater amount than the original price of the trees.

We begin shipping fruit trees and plants March 1 and continue until May 15. We recommend early planting for best results, and suggest very early orders. We can ship on any date you name and will reserve stock so ordered.

Strawberries.

Plant in rows 4 feet apart and set 18 inches apart in the row. This spacing requires about 7300 plants to the acre.

The plants are well-rooted layers from the open ground.

BISMARCK.—Similar to the Bubach, except that this is a self-fertilizing variety of good size, fine glossy color, good shape and good quality; plant vigorous and productive, early to medium.

BRANDYWINE.—The most valuable all-around berry, medium size, very brilliantly colored, perfect in shape; an excellent shipping sort of fine quality, exceedingly prolific, medium to late.

GANDY.—Without exception the best and most profitable market variety, universally planted by the commercial berry grower. Being the latest variety to ripen it commands the highest prices. The berries are large, very firm, of uniform size, bright crimson color and good quality. As a family berry it is equally valuable being the very last to ripen. The plant is strong and vigorous and does best on heavy soil

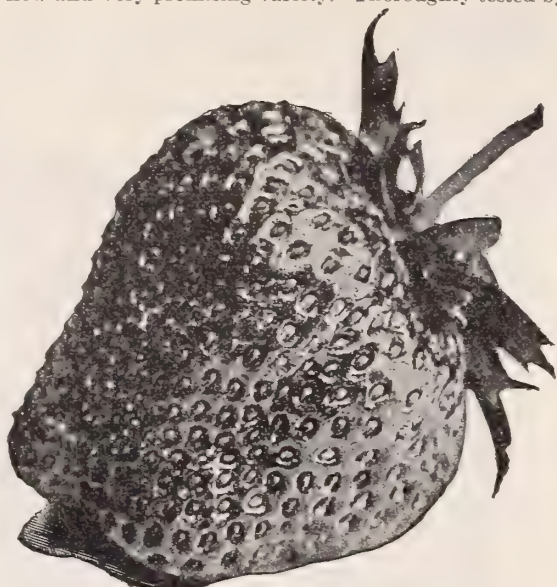
GLEN MARY.—A variety that is given the highest praise for quality, size and productiveness. Berries large, bright glossy crimson, always commanding good prices from its handsome appearance and good quality, quite firm and of fine flavor. Plant vigorous, and with pistillate flower.

McKINLEY.—An excellent variety which has been thoroughly tested and is pronounced a very superior sort. The berries are large, bright crimson in color, flesh very firm and of most excellent quality; plant a heavy yielder, vigorous and healthy, ripening about midseason. No better variety could be selected for the family garden.

Collection K.—By Mail, postpaid, for \$1.00.

Six Brandywine Strawberries	\$0 20
Six McKinley Strawberries	20
Six New York Strawberries	20
Six Nick Ohmer Strawberries	20
Six William Belt Strawberries	20
Six 20th Century Strawberries	40
	<hr/>
	\$1 40

NICK OHMER.—A new and very promising variety. Thoroughly tested by the leading berry growers, who are enthusiastic in its praise. The plant is a large, strong grower, sending out an abundance of runners, and probably not surpassed in health, vigor and productiveness by any other variety. Fruit of large size, uniform and of a rich, glossy crimson, firm and excellent in quality.



NICK OHMER.

We also recommend and can furnish the following varieties: **Bubach, Clyde, Excelsior, Lady Thompson, Sharpless, Sunshine, Timbrell and Van Deman.**

Prices for any of the above-named varieties: Well-rooted layer plants from the open ground, 50c. per doz., mailed postpaid; by Express, not prepaid, \$1.00 per 100, \$4.00 per 1000, or if wanted by Mail add 25c. per 100 for postage.

NEW YORK.—A variety of great productiveness, very large size, high quality and beautiful color. A seedling of Bubach, though much larger and more productive, on account of which it won the \$100 gold prize over Glen Mary. The berries are immense, color dark scarlet, coloring all over at once, quality good; plants remarkably vigorous and healthy.

LANDRETHS' 20TH CENTURY.—For the past two seasons we have offered with the greatest confidence this superb Strawberry, believing it to be one of the finest varieties ever brought to public notice. This belief is now fully substantiated, and we are fully convinced that our heretofore

brief description conveyed but a faint idea of the many merits it possessed, as many thousand plants of it were sold by us last season, and now commendable and very flattering reports are pouring in from every quarter. All are enthusiastic in their praise and enough cannot be said in favor of it as a family berry. No description, however flowery, can convey a correct idea of its many merits. In size it is immense, larger than Sharpless; of uniform size, twelve berries frequently filling a quart box, and continuing large until the last picking. In color it is a beautiful, bright, rich crimson, with no white tips, rendering it strikingly handsome in the box and on the table; flesh firm for so large a berry, and in quality is unsurpassed, possessing that sweet, rich Strawberry flavor, rendering it so very palatable. The plant is self-fertilizing and an unusually strong, vigorous grower, sending out an abundance of



LANDRETHS' 20TH CENTURY.

runners, free from rust and not surpassed in health, vigor and productiveness by any other known variety. As a family garden berry it has few equals and no superiors, possessing all the good qualities that go to make up a valuable berry. For near-by markets and fancy trade, where size, appearance and quality are appreciated, it should command the highest prices. The above illustration conveys a correct idea of the size and character of the berry. We are enthusiastic in our praise of the 20th Century and unhesitatingly recommend it to any one desirous of having the largest and most perfect Strawberry that can be grown. On our recommendation, give it a trial. You will not be disappointed. Season early to medium. Dozen, 75c.; one hundred, \$1.50; one thousand, \$8.00.

Collection L.—By Mail, postpaid for \$1.50.

One Brilliant Raspberry	\$0 40
Six Columbian Raspberries	30
Six Golden Queen Raspberries	25
Six Miller Raspberries	25
Two Haymaker Raspberries	50
	<hr/>
	\$1 70

Raspberries.

Raspberry plants at dozen rates will be mailed free; at the one hundred rates add 40c. per hundred to cover postage, packing, etc.

BRILLIANT.—A variety surpassing in productiveness, size, color and hardness the famous Miller. Ripens its fruit earlier and faster, producing bright, glossy, brilliant red berries, handsome, excellent and most attractive, resembling in color the Wineberry; canes very hardy, and when laden with brilliant red fruit, gladdens the heart of the grower. Being a remarkably good shipper, reaching market in all its brilliancy and firmness, it finds ready sale at good prices. Price, postpaid, 40c. each; \$2.50 per doz. By Express, not paid, \$20.00 per 100.

COLUMBIAN.—A remarkably vigorous grower, the canes sometimes reaching a height of ten feet; perfectly hardy and immensely productive. Fruit of large size, globular form and deep purplish-red color. It adheres firmly to the stem and will dry on the bush if not picked; of rich flavor; considered one of the best for canning or evaporating. Dozen, 60c., postpaid; by Express, not paid, 100, \$3.00; 1000, \$15.00.

CUMBERLAND.—A new Blackcap and the largest Raspberry known, single specimens sometimes measuring one inch in diameter, while they are uniformly very large. The plant is extremely hardy and wonderfully productive, producing regularly and uniformly large crops. In quality equal to the very best; season a little in advance of Gregg. Dozen, 75c., postpaid; by Express, not paid, 100, \$5.00.

GOLDEN QUEEN.—The most desirable yellow Raspberry ever introduced, especially for home use; a seedling of the Cuthbert, possessing canes of equal vigor and even greater productiveness. Berries are large, of beautiful bright yellow color and of excellent quality; medium to late. Dozen, 50c., postpaid; by Express, not paid, 100, \$1.50; 1000, \$10.00.

HAYMAKER.—A comparatively new and decidedly valuable DARK PURPLE Cap berry, quite firm and of large size. An excellent berry for near-by or distant market, as it does not crumble when being gathered and carries well in the crate. For home consumption it has few if any equals, being delicious in quality. Though planted extensively in Delaware and Maryland and heavy crops were gathered last season, the demand was far in excess of the supply. We anticipate a heavy demand for the berry as soon as it is better known. Price, 25c. each; dozen, \$2.50, postpaid.

MILLER.—One of the best early red Raspberries. Very large, holding size until end of the season; small core, firm and rich flavor, and immensely productive. Bush stout, healthy and prolific. Dozen, 50c., postpaid; by Express, not paid, 100, \$1.50; 1000, \$9.00.

We can also furnish the following well-known and desirable varieties: **Gregg, Cuthbert, Loudon, Brandywine, Hansell and Thompson's.** Dozen, 50c., postpaid; by Express, not paid, 100, \$1.50; 1000, \$10.00.

Blackberries.

Blackberry plants will be sent by Mail at the dozen rates free of postage; at the one hundred rates add 40c. per hundred to cover postage, packing, etc. By Express or Freight, at expense of purchaser.

ICEBERG.—We are fully convinced that the Iceberg Blackberry is the very best for either market or home consumption. Its bearing qualities have never been surpassed, small plants bending to the ground under their load of luscious, snowy-white berries, so transparent that the seeds, which are unusually small, may be seen in the berries when ripe. Fruit is borne in large clusters, larger than those of Lawton; berries as large, earlier, sweeter, more tender, and melting throughout, though as firm as Lawton is when ripe. This is not an untried novelty but a worthy and excellent variety. 15c. each, \$1.50 per dozen, postpaid; by Express, not paid, \$10.00 per hundred.

ELDORADO.—Decidedly the best in quality of any Blackberry known. It has many desirable merits, both in fruit and cane. The plant is of medium growth, stocky, hardy and very productive. Fruit large, sweet and delicious. Dozen, 50c.; one hundred, \$2.00; one thousand, \$12.00.

ERIE.—One of the largest of Blackberries; canes thrifty, hardy and productive; berries extra large, roundish, jet black, glossy and firm and of good quality. A great seller in market. Dozen, 50c.; one hundred, \$2.00; one thousand, \$12.00.

LUCRETIA DEWBERRY.—This has proven itself a great favorite, thriving in all soils, from Maine to California. Plant hardy and productive; fruit very large, one and one-half inches long and an inch in diameter, soft, sweet and luscious without any hard centre. It is one of the best in quality of the Blackberry family. We recommend this berry with great confidence. Ripening, as it does, before any other berry, it proves extremely profitable as a market berry. Dozen, 50c.; one hundred, \$1.50; one thousand, \$10.00.

RATHBUN.—A variety of greatest value. The berries are mammoth, jet-black, very glossy, of permanent color, are without core, extra fine in flavor; canes perfectly hardy, having withstood a temperature of fifteen degrees below zero without injury; ripens with Wilson. Dozen, \$1.00; one hundred, \$5.00.

We can also furnish the following popular varieties: **Ohmer, Lovett, Snyder, Lawton and Wilson.** Dozen, 50c.; one hundred, \$2.00; one thousand, \$10.00.



RATHBUN.

PREMO DEWBERRY.—The Premo made such a vigorous growth and yielded such a ponderous crop of luscious fruit the past season, we feel that our heretofore brief description did this valuable berry an injustice.



PREMO DEWBERRY.

The points in its favor are earliness, great productiveness, large size and excellent quality of berry and hardness of plant. The berry is exceedingly large, glossy black, sweet, mellow, free from core and of a delightful flavor, ripening ten days ahead of Lucretia and just after Strawberry season is over, making it a valuable market sort, and on account of its honeyed sweetness is one of the best berries for home consumption. Price, \$1.00 per doz.; \$10 00 per 100.

MAMMOTH.—Unlike any other Blackberry plant known the Mammoth is the most rampant grower, trailing on the ground and making a growth of twenty feet in a season. Canes large, deep red in color, **enormously productive**, exceedingly **hardy**, ripening its fruit **three weeks** before any other cultivated kind. The fruit is of **enormous size**, specimens measuring 2½ inches in length, with very small soft seeds and very little core, surpassing all other varieties in flavor, size and productiveness. Price, 40c. each; \$3.50 per dozen, **postpaid**. \$20.00 per 100.

LOGAN BERRY (Raspberry-Blackberry).—A valuable addition to our list of small fruits, succeeding as well in the East as in its place of origin, the West. The plants are unlike either the Raspberry or Blackberry, are of low-growing habit like the Dewberry, with large strong canes or vines. The fruit is as large as the largest Blackberry and of the same shape; color when fully ripe a dark rich velvety red. It partakes of both the flavors of the Raspberry and Blackberry, being a combination of



THE LOGAN BERRY.

the two mixed, with a mild, pleasant, vinous, agreeable flavor, delightful to the taste and not found in any other fruit, but peculiar to this alone. It is excellent for the table, eaten fresh or cooked, and for jelly or jams is without an equal. Price, three for 40c.; doz., \$1.00, **postpaid**. By Express, not prepaid, \$7.00 per 100.

Collection M.—By Mail, **postpaid**, for \$2.00.

Three Erie Blackberries	\$0 20
Six Iceberg Blackberries	75
One Mammoth Blackberry	40
Three Premo Dewberries	30
Three Rathbun Blackberries	25
Two Japan Wineberries	20
Three Logan Berries	40
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	\$2 50

Wineberry.

JAPANESE WINEBERRY.—We have been a little reluctant in our praise of the Wineberry, thinking it had been too highly extolled, but after beholding the immense crop of bright red berries, in great clusters entirely covering the plants, last season our reluctance gave way to praise and admiration. Each berry is at first tightly enveloped by the calyx, forming a sort of burr, covered with purplish-red hairs so thickly as to resemble a moss rosebud. The flavor of the fruit is entirely different from any other berry, being very sprightly, sweet and juicy, of a delicate and luscious flavor peculiar to itself. For canning or preserving it is superior to any other fruit, retaining its fresh, sprightly flavor after being cooked. The wine made from this berry is delicious. Price, 10c. each; 75c. per doz., **postpaid**.

Currants.

CHERRY.—A popular market variety, very large; deep red; bunches short; plants vigorous and very productive. Each, 15c.; per dozen, \$1.00, **postpaid**.

FAY'S PROLIFIC.—A remarkably strong grower; wonderfully prolific; fruit large, dark red; equal in size to Cherry, of better flavor and five times as prolific. Each, 15c.; per dozen, \$1.00, **postpaid**.

NORTH STAR.—Red; a very rapid grower, succeeding on all soils; very hardy, productive and of excellent quality; the sweetest Currant grown. Each, 15c.; per dozen, \$1.00, **postpaid**.

THE CHAUTAUQUA CLIMBING CURRANT.

—Description of introducer: "Four years ago I secured the entire stock of Chautauqua, planted a few small roots for field culture. Last season I had bushes as large as Fay Currant set from five to six years. I am fully convinced they are ahead of Fay, and believe they are the only Currant that can be made to grow upon stakes or trellis the same as Grapevines, thereby insuring a fine, heavy crop of beautiful Currants to place upon the market. The fruit can be produced high enough from the ground to prevent soiling. The plant being such a vigorous and stocky grower that when properly headed back will grow in bush form and produce more currants per acre than any other Currant grown." The fruit is large, holding size well to the end of the stem; stem very long, often five inches; color very dark red; containing less seed than any other Currant grown; flavor said by good judges to be the best. Thousands tested the quality at Pan-American Fair. The universal verdict was, What fine flavor! what sweet Currants! what fine large Currants! The Pan-American awarded it a silver medal. Think of one root producing thirty-two quarts of Currants and making fine shade for an arbor at the same time! Price, \$1.50 each, one year old; \$3.00 each, two years old, **postpaid**.

RED CROSS.—In growing this variety alongside of Fay's Prolific, Cherry and others, that their comparative merits might be carefully observed, we find the Red Cross superior to them all, both in size, quality and productiveness. The individual berries are larger, the bunches are longer and are produced in greater abundance than either Cherry or Fay's Prolific. For the family garden where only one good variety is wanted, let it be the Red Cross. Price, 20c. each; \$1.75 per doz.



CHAUTAUQUA CLIMBING CURRANTS.

Gooseberries.

CHAUTAUQUA.—A new white Gooseberry of the largest size, and on account of its beauty, large size, attractive appearance, wonderful productiveness, strong, healthy habit, is becoming a great favorite. The quality is excellent, and no other variety equaling it in size and productiveness. Each, 30c.; dozen, \$3.00, **postpaid**.

INDUSTRY.—Is a strong, healthy, upright, vigorous grower, and one that we can recommend, both for the garden and market plantation. Fruit large dark red, and of excellent quality. Each, 30c.; dozen, \$2.50, **postpaid**.

COLUMBUS.—Of large size, oval in form, skin greenish-yellow and of the finest quality. Plant a strong, robust grower. Foliage large and glossy and free from mildew, which should make it a very valuable variety. Each, 30c.; 3 for 75c.; dozen, \$2.50, **postpaid**.

DOWNING.—An American variety and a well-known favorite, of large size and excellent quality, whitish-green, fresh, soft, juicy, good; plant vigorous and productive. A valuable market sort and excellent for family use. Each, 15c.; 3 for 35c.; dozen, \$1.00, **postpaid**.

Grapes.

CAMPBELL'S EARLY.—A valuable and delicious Grape; vine very strong, hardy and vigorous, with thick, healthy foliage; an abundant bearer; berries large, black, with light-purple bloom; skin thin; flesh firm but tender; few and small seeds; flavor rich, sweet and delicious; season very early. Each, 50c.; per dozen, \$5.00, **postpaid**.

GREEN MOUNTAIN.—A very early Grape of the best quality; entirely free from foxiness. The berries are of medium size; the color greenish-white; skin thin and fine quality, almost melting in the mouth; vine vigorous, healthy and productive. Each, 25c.; per dozen, \$2.00, **postpaid**.

MOORE'S DIAMOND.—A strong, healthy grower, hardy and productive; color white; bunch and berries large; compact shouldered; skin thick, firm; flesh tender, juicy, but with little pulp; ripens before Concord. A very promising variety. Each, 25c.; per dozen, \$2.00, **postpaid**.

McPIKE.—Equal to Black Hamburg; perfectly hardy and earlier than Concord; bunches large, even and compact; berries of mammoth size, being three inches in circumference, covered with a beautiful blue-black bloom, of superb quality; pulp sweet and tender to the centre; skin thin; delicious flavor; small seeds; a remarkably good shipper; vine hardy and very vigorous. Price, one year old, 50c. each; two years old, 75c. each, **postpaid**.



McPIKE (ONE-HALF NATURAL SIZE).

We can also furnish **Brighton, Concord, Colerain, Delaware, Niagara, Moore's Early, Duchess and Pocklington**. Each, 25c.; per dozen, \$2.00, **postpaid**.

Apples.

ARKANSAS BLACK.—Destined to become a great favorite on account of its good keeping and shipping qualities; may be kept in an ordinary cellar till April; tree very hardy, coming into fruiting young; fruit large, round and smooth; skin black dotted with whitish specks; flesh yellow, juicy, crisp and delicious flavor; one of the best eating Apples, ripening December to April. Price, 35c., **postpaid**. Large trees by Express, not prepaid, 50c. each; \$5.00 per dozen.

OPALESCENT.—In size, beauty and quality is without an equal. The high polish to which it is susceptible, reflecting objects like a mirror, makes it a conspicuous object on fruit stands; always commanding highest prices; flesh yellow, tender, juicy and of most excellent quality; size very large; color light, shading to very crimson, of handsome appearance, that in no way belies its eating qualities; tree an annual and prolific bearer, never failing to produce a good crop; season of ripening December to March. Each, 35c., **postpaid**. 60c. each by Express, not prepaid.

Collection N.—By Mail, **postpaid**, for \$1.50.

One Campbell's Early Grape	\$0 50
One Green Mountain Grape	25
One McPike Grape	50
One Moore's Diamond Grape	25
One Niagara Grape	25
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	\$1 75

STARR.—We cannot recommend the Starr too highly. This Apple has every good point in its favor—early ripening, large size, good quality and productiveness; tree hardy, producing specimens measuring 12 inches around first week in July, and continuing to bear larger and finer fruit until September; color of fruit pale green, frequently with blush on sunny side. As a cooking Apple it cannot be equaled, having a rich, sub-acid flavor, and when thoroughly ripe is a delicious Apple to eat out of hand. As a market Apple it cannot be surpassed. Price, 35c., **postpaid**. 50c. each; \$5.00 per dozen by Express, not prepaid.

BISMARCK.—Having received so many commendable reports concerning Bismarck, which has made for itself a wonderful record for high quality, hardiness and early fruiting, we offer it with the greatest confidence. A little tree 2 years old, and not more than 2 feet high, will produce several Apples of enormous size and of the highest quality. Fruit very large and of brilliant color; flesh tender, pleasant, sub-acid, distinct, delicious flavor, unequaled for dessert and superior for cooking and an excellent keeper, having been kept in an ordinary room till March. A most unique pot-plant, and especially recommended for small gardens. Each, 25c., **postpaid**. Larger trees by Express, not prepaid, 50c. each; \$4.00 per dozen.

WEALTHY.—As a late fall Apple the Wealthy has few equals. It may be called the fruit growers' favorite on account of its productiveness, large size, good quality and attractiveness; skin smooth, oily, mostly covered with dark red; flesh white, fine grained, juicy, vinous, sub-acid; unequaled for cooking and excellent to eat out of hand; tree a free grower, very hardy and exceedingly productive; ripens October to November. Price, 35c., **postpaid**. Large trees by Express, not prepaid, 50c. each; \$5.00 per dozen.

We can recommend and furnish the following varieties: **Baldwin, Roxbury Russet, Smith's Cider, Orange Pippin, Ben Davis, Red Astrachan, Maiden's Blush, Fallawater, Hagloe, Williams' Early Red, Grimes' Golden, Smokehouse, and Yellow Transparent**. One year old, 20c. each; per dozen, \$1.75, **postpaid**. Two years old, 40c. each; \$3.50 per dozen, by Express or Freight, not prepaid.

Pears.

ANJOU.—A large, handsome Pear, buttery and melting; one of the most valuable; tree a vigorous grower and productive. Each, 30c., **postpaid**; large trees by Express, not prepaid, 50c. each; \$5.00 per dozen.

HENRY.—A large bell-shaped Pear, sometimes measuring 5 inches in length.

An excellent Winter Pear, keeping until February with little or no care. When ripe the fruit is bright yellow, having a flavor similar but superior to Bartlett. Tree a heavy and annual bearer and free from blight. Price, \$1.00 each, **postpaid**. Two years old, \$1.50 each, by Express, not prepaid.

ROSSNEY.—A large variety of rare merit; flesh fine grained, melting, juicy and of superior flavor; skin a beautiful creamy yellow, with crimson blush, giving it a tempting appearance; ripening as it does about two weeks after Bartlett, it is profitable as a market variety; tree a vigorous grower, equal to Kieffer, and very productive. Price, Mail, **postpaid**, 50c. each; by Express, not prepaid, two years old, \$1.00 each.

LYERLIE.—In size the Lyerlie is medium to large, smooth and handsome; flesh rich, spicy and of high quality, with little core and few seeds. Season of ripening six weeks before Bartlett, rendering it valuable as an early market variety. Tree a strong grower and apparently free from blight. Ships well and does not rot at the core. Price, \$1.00 each, **postpaid**. By Express, not paid, two years old, \$1.00 each.

We can also furnish **Bartlett, Howell, Kieffer, Clapp's Favorite, Lawrence, Wilder Early, Lawson, LeConte, Seckle, Sheldon and Garber**. Each, 30c., **postpaid**; large trees by Express, not prepaid, 50c. each; \$5.00 per dozen.

Collection O.—By Mail, **postpaid**, for \$2.00

One Bismarck Apple	\$0 25
One Rossney Pear	50
One Opalescent Apple	35
One Henry Pear	1 00
One Paw Paw	35
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	\$2 45



HENRY.

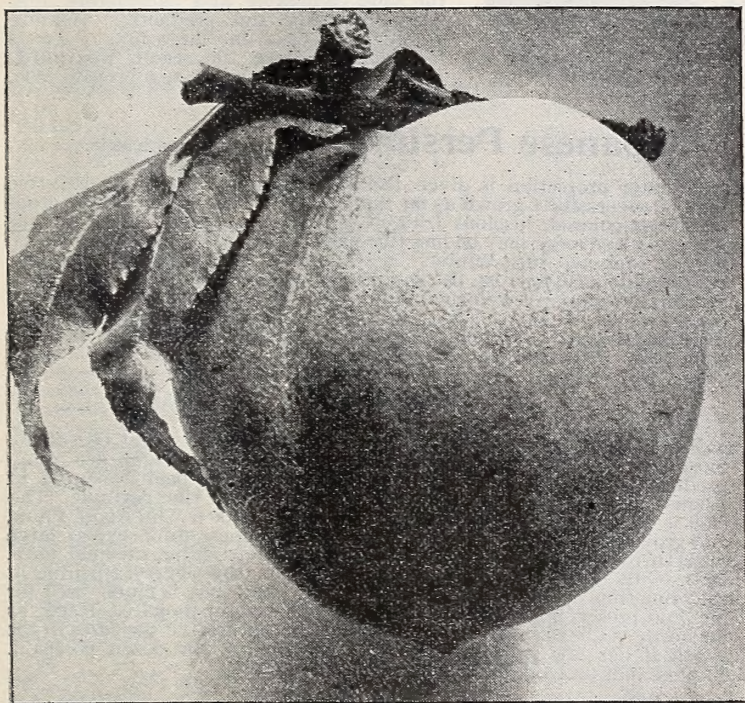
Peaches.

Every home in our land should be abundantly supplied with this most delicious of all fruits. No tree makes a more rapid growth or comes into bearing sooner than the Peach. To secure healthy, vigorous trees and fine fruit, the ground around them should be kept clean and mellow. Plant in sandy loam where practicable; keep the heads low and trim off all the branches before planting. Apply wood ashes or ground bone occasionally in the Spring.

CARMAN.—One of our best new Peaches, ripening with Early Rivers yet almost equal in size and quality to the famous Elberta; fruit large, with pale yellow skin, red blush on sunny side; flesh white, tender and melting, rich, sweet and of superior flavor. As a very early Peach it has no equal, and is beyond a doubt the finest Peach ripening ahead of Mt. Rose.

CRAWFORD'S LATE.—One of the best known yellow freestone Peaches; a superb fruit of large size, with beautiful dark red cheek; flesh yellow, but red at the stone, juicy, melting, rich and of excellent flavor; August.

EVERBEARING.—Fruit oblong in form, creamy white, mottled and striped with light purple; flesh white, with red veins near the skin, very juicy, vinous and of excellent flavor; quality very good; freestone; fruit of the first ripening averages $3\frac{1}{4}$ inches long and 3 inches broad, gradually diminishing during its long continued bearing period; at Philadelphia the first ripening begins about July 1, and successive crops are produced until September; fruit in all stages of development as well as blossoms may be seen upon the tree at the same time. 20c. each, **postpaid.** By Express, not prepaid, 30c.; \$2.75 per dozen.



EVERBEARING.

OLD MIXON.—An excellent variety; large, greenish-white and red; flesh white, red at the pit, juicy, rich, tender; tree very hardy and productive; very valuable and reliable; August.

TRIUMPH.—The earliest yellow freestone Peach; fruit large and handsome; skin yellow with beautiful red cheek; flesh yellow and delicious quality; a truly valuable variety and worthy of the highest praise; July.

WADDELL.—A new white Peach originating in Georgia, and planted largely by fruit growers in that section. In size it is medium, oblong in shape; creamy white with bright blush; flesh white, firm, very sweet and rich; freestone. It is noted for its long keeping qualities, which render it valuable as a market variety.

The following excellent varieties we can also furnish: **Crosby, Champion, Mt. Rose, Stump, Elberta, Globe, Beers' Smock and Ford's Late White.** Any of the above-named varieties of Peaches, except where noted, 10c. each, **postpaid.** Large trees by Express, not prepaid, 25c. each; \$2.50 per dozen.

Collection P.—By Mail, postpaid, for \$1.00.

One Abundance Plum	\$0 30
One Everbearing Peach	20
One Japan Giant Chestnut	25
One Japan Walnut	25
One Carman Peach	10
One Waddell Peach	10
	<hr/>
	\$1 20

Cherries.

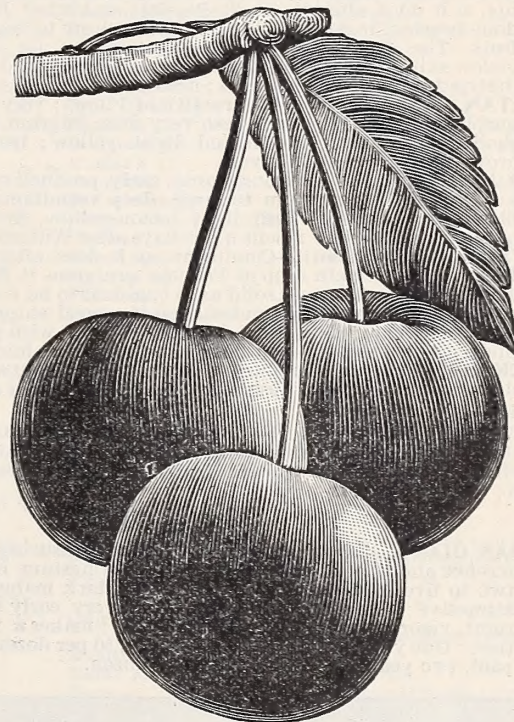
BLACK TARTARIAN.—Fruit large, heart-shaped, purplish-black, tender; flavor mild and pleasant; tree a remarkably vigorous grower and an immense bearer; June to July.

EARLY RICHMOND.—A very valuable early red cooking Cherry and perhaps the best known. It is largely planted on account of its large size, excellent quality and great productiveness; last of June.

GOVERNOR WOOD.—A most desirable sort; fruit large, light yellow, shaded and marbled with red, tender and delicious; tree a vigorous grower and very productive; June.

MAY DUKE.—An excellent well-known variety of large size, dark red, juicy, rich, sub-acid flavor; very productive; June.

MERCER.—A heart variety of large size, excellent quality and attractive appearance, larger than Black Tartarian; color when ripe very dark red, very meaty and firm, free from rot and disease, very productive, hardy and a good grower; an excellent Cherry for the home garden, and we believe will prove a profitable market variety, especially in sections where sweet Cherries succeed. Early.



MERCER CHERRY.

ROCKY MOUNTAIN DWARF.

—Certainly a remarkable fruit in productiveness, hardiness, and early maturity; fruit jet black, delicious, either eaten fresh or preserved; ripening after all others are gone; tree dwarf in habit, growing 4 to 5 feet in height, beginning to bear the second year after planting; wonderfully productive and bearing every year; it makes a handsome flowering bush with its mass of pure white flowers. Mail, postpaid, 25c. each; per dozen, \$2.00.

WINDSOR.—A remarkably firm, large late variety and no doubt the best of its season; fruit large, liver-colored, of good quality; valuable for market and family use; July.

We can also furnish trees of the following well-known and desirable varieties: **Montmorency, Black Eagle, Napoleon Bigarreau, Rockport, Yellow Spanish, and Downer's Late.** Any or all of these varieties of Cherries, extra size by Express or Freight, not prepaid, 50c. each; \$5.00 per dozen, except where noted.

Mulberry.

DOWNING EVERBEARING.—Fruit large, blue-black, juicy and of high quality; tree very productive, continuing to bear for three or four months of the year. Price, one year, **postpaid**, 25c., each; Express, not prepaid, two years, 6 to 8 feet, 50c. each; \$5.00 per dozen.

Paw Paw.

(Custard Apple or Northern Banana.)

This ornamental tree of shapely form and abundant foliage is worthy a place on every lawn; comes into bearing young, producing an abundance of fruit, of tropical appearance, 3 to 4 inches long, resembling a Banana, with yellowish flesh and in flavor so closely resembling a custard as to suggest its name. Price, **postpaid**, 35c. each; 50c. each by Express, not prepaid.

Russian Apricots.

One of the most beautiful and delicious fruits, ripening in July or August. The Russian is quite distinct from European varieties, being earlier, harder, more productive and recommended for sections where Peaches fail. The following varieties are most satisfactory.

ALEXANDER, CATHERINE and J. L. BUDD.—Price, postpaid, 35c. each; \$3.00 per dozen.

Quinces.

CHAMPION, MEECH and ORANGE.—By Express only, not prepaid. Each, 50c.; \$4.00 per dozen.

Plums.

ABUNDANCE (Japanese).—A most productive and early bearer; fruit large, showy and beautiful; amber, turning to a rich, bright cherry color, with a decided white bloom and highly perfumed; flesh light yellow, juicy and tender and of a delicious sweetness; stone small and parts readily from the flesh; an excellent canning variety.

BURBANK.—Medium to rather large upon thinned trees, roundish conical in form; orange-yellow, overlaid with red; flesh firm, meaty, yellow, rich, sugary; from two to four weeks later than Abundance; exceedingly productive; one of the best of the Japans.

HALE.—Of all Japan Plums, the Hale stands in the foremost rank, and is beyond a doubt the most beautiful Plum in the collection; proved also the most delicate in pulp texture and by far the best in quality. The tree is the most vigorous of all the Japans, an upright, compact grower, an early and regular bearer, producing each year enormous crops. Ripening, as it does, after the early Peaches and other Japanese Plums have done bearing, it thus has the market entirely to itself as a fancy dessert fruit. The Plums are of the largest size of its class, bright orange-yellow skin, mottled and nearly covered with vivid cherry-red, exceedingly attractive and beautiful; flesh yellow, firm and delicious.

SULTAN.—One of the most attractive of Plums; very large in size, deep purplish crimson in color; flesh very firm, fragrant, sweet, dark crimson shaded with pink, salmon and light yellow; tree a strong, vigorous grower and very productive.

RED JUNE (Japan).—Vigorous, hardy, early, productive, most valuable market Plum; fruit medium to large, deep vermilion-red with handsome bloom, very showy; flesh light lemon-yellow, firm and of excellent quality; half cling; ripens a few days after Willard.

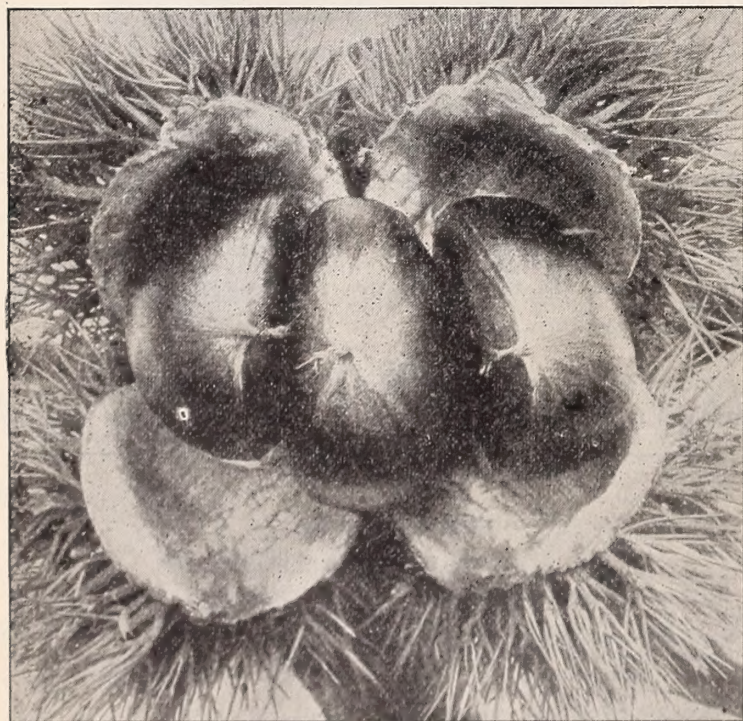
SATSUMA (Late Japan).—Coming in, as it does, after all of the European Plums and the main crop of Peaches are gone, it finds a ready market. The flesh is so firm and solid as to enable it to be kept in good condition a long time after being picked, and is a good shipper; fruit very large, handsome, rich; skin dark dull red all over, with greenish dots and an under color of brown-red; flesh blood-red, firm, juicy, good quality.

WICKSON.—The most promising of the newer Japans; fruit of large size, dark crimson-purple; flesh very firm, yellow, juicy and highly flavored; pit small, clingstone.

We can also furnish the following varieties: **Delaware, Shipper, Willard, Wild Goose and Lombard.** Any of the above-named varieties of Plums, 30c. each, **postpaid.** Large trees by Express, not prepaid, 40c. each; \$4.00 per dozen.

Chestnut.

JAPAN GIANT.—These nuts are enormous, measuring 6 inches in circumference and beyond a doubt the largest Chestnut in existence and run two to five to the burr; nuts smooth, dark mahogany color and very attractive; valuable on account of its very early bearing; tree an upright, vigorous grower; very productive; makes a very handsome lawn tree. One year, **postpaid**, 25c. each; \$2.50 per dozen. Express, not prepaid, two years, 50c. each; \$5.00 per dozen.



JAPAN GIANT CHESTNUT.

Bouquet Collection of Valuable Fruits.

Three Premo Dewberries	\$0 30
Three Iceberg Blackberries	45
One Brilliant Raspberry	40
Six 20th Century Strawberries	40
One Loquat	50
One Kinnquat	35
One Satsuma Orange	35
Three Logan Berries	40

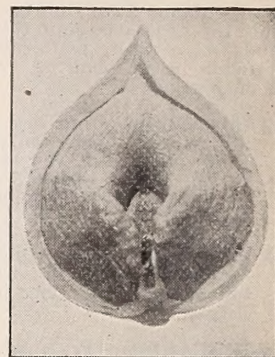
The above Collection, **postpaid**, for \$2.75.

\$3 15

Or, one Loquat, one Kinnquat, one Satsuma for \$1.00, **postpaid.**

Walnuts.

JAPAN (Juglans Cordiformis).—Tree comes to bearing at three to four years of age, and is wonderfully productive. The nuts are quite pointed or heart-shaped; kernel full, plump, rich and delicious, while its cracking qualities are superior to any known variety; cracking by a slight tap the shells part readily, and the fat kernels can be extracted whole. Price, by Mail, one year, 25c. each; \$2.50 per dozen. Express, not prepaid, two years, 50c. each; \$5.00 per dozen.



JAPAN WALNUT.

PERSIAN (Madeira).—The well-known English Walnut, a handsome, lofty-growing tree of spreading habit, hardy and productive as far north as New York City. Trees of this variety are plentiful in New Jersey and produce annually immense crops of thin shell nuts of a delicious quality. This tree should not be planted for the nuts alone, but as a shade and ornamental tree, its handsome form, deep green foliage and clean appearance rendering it strikingly handsome as a lawn tree. Price, 3 to 4 feet, 75c. each; Express, not prepaid.



FILBERT.

Filbert.

KENTISH COB (Hazelnut).—A tree of dwarf habit, succeeding everywhere and among the most profitable and satisfactory nut-bearers; hardy and productive, yielding abundant crops of fine large nuts of excellent quality. Price, 35c. each, **postpaid.** Larger trees by Express, not prepaid, 50c. each; \$5.00 per dozen.

Japanese Persimmon (Diospyros Kaki).

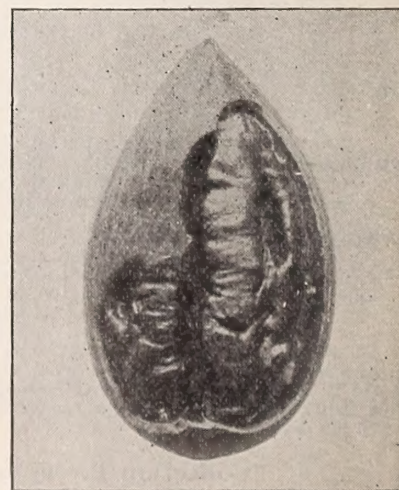
Where Winter protection is given, this handsome and valuable fruit tree may be successfully grown as far north as New York City. Heavy crops of salmon-colored, luscious fruit of a delicious Apricot flavor and as large as a hen's egg may be had the second year after planting. These may be kept well into Winter. If allowed to remain on the tree and subjected to a slight frost, the flavor is very much improved. The Japan Persimmon is a most welcome addition to our fruit list, being fully six times as large as native sorts, more productive, of better quality, commanding fancy prices when offered for sale and growing more in favor each year. Price, 50c. each, by Mail, **postpaid.**

Loquat.

A small evergreen tree with long, dark waxy-green leaves, and one of the most desirable for fruit and ornament. The blossoms, which are freely produced, are white and deliciously fragrant; they begin opening in August, and till December the air is laden with their rich perfume. The fruit is creamy yellow, resembling in size and shape a Wild Goose Plum, and growing in compact bunches like Grapes, containing several large seeds surrounded with a most piquant, juicy, refreshing, sub-acid pulp. In the Gulf States it forms a good substitute for the Cherry, ripening at the same time. It is not only eaten out of hand, but is much used for pies and preserving in addition to making an exquisite jelly. Hardy as far north as Charleston. As a pot plant for decorative purposes in the North it has few equals. Price, 50c. each; \$5.00 per dozen, **postpaid.** Express, not prepaid, \$1.00 each; \$10.00 per dozen.

Pecan Nut.

By far the finest of American nuts, and since the production of the large fruited varieties has become a great favorite. Tree a rapid grower, of handsome form and very productive, single trees yielding annual revenues of \$100 after having attained to the bearing age, which is eight to ten years. The nut is of superior quality, kernel full, plump, sweet and delicious, equaled in quality by none. The shell is very thin (as may be observed in illustration), and can almost be crushed between the fingers. Trees grown on rich alluvial soil produce immense crops. Price, Mail, **postpaid**, 25c.; \$2.50 per dozen. Express, not prepaid, 2 to 3 feet, 75c. each; \$8.00 per dozen.



PECAN.

Shellbark.

A tree of lofty growth, producing one of the most delicious of American nuts; shell thin, parting readily in halves, cracking with a slight tap; kernel full, plump, of a rich, sweet, nutty flavor. Price, 35c. each, **postpaid.** Larger trees by Express, not prepaid, 50c. each; \$5.00 per doz.

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